



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 : 22:13:00			28/06/2025	Matahari Terbenam : 19:23:00		
Umur Hilal : 75j 42m				Ijtimak : 18:31 (2025-6-25)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
28/06/2025	18:23	51° 16' 27"	298° 04' 40"	12° 54' 56"	293° 20' 16"	38° 36' 30"
28/06/2025	18:24	51° 03' 34"	297° 56' 19"	12° 41' 15"	293° 19' 31"	38° 36' 49"
28/06/2025	18:25	50° 50' 41"	297° 48' 03"	12° 27' 34"	293° 18' 48"	38° 37' 09"
28/06/2025	18:26	50° 37' 47"	297° 39' 54"	12° 13' 53"	293° 18' 07"	38° 37' 30"
28/06/2025	18:27	50° 24' 52"	297° 31' 51"	12° 00' 12"	293° 17' 27"	38° 37' 50"
28/06/2025	18:28	50° 11' 56"	297° 23' 55"	11° 46' 31"	293° 16' 48"	38° 38' 10"
28/06/2025	18:29	49° 58' 58"	297° 16' 04"	11° 32' 51"	293° 16' 11"	38° 38' 30"
28/06/2025	18:30	49° 46' 00"	297° 08' 19"	11° 19' 10"	293° 15' 36"	38° 38' 50"
28/06/2025	18:31	49° 33' 01"	297° 00' 39"	11° 05' 30"	293° 15' 02"	38° 39' 10"
28/06/2025	18:32	49° 20' 02"	296° 53' 06"	10° 51' 49"	293° 14' 29"	38° 39' 31"
28/06/2025	18:33	49° 07' 01"	296° 45' 38"	10° 38' 09"	293° 13' 59"	38° 39' 51"
28/06/2025	18:34	48° 53' 59"	296° 38' 16"	10° 24' 29"	293° 13' 29"	38° 40' 11"
28/06/2025	18:35	48° 40' 57"	296° 30' 59"	10° 10' 50"	293° 13' 01"	38° 40' 32"
28/06/2025	18:36	48° 27' 54"	296° 23' 47"	09° 57' 10"	293° 12' 35"	38° 40' 52"
28/06/2025	18:37	48° 14' 50"	296° 16' 41"	09° 43' 31"	293° 12' 10"	38° 41' 13"
28/06/2025	18:38	48° 01' 45"	296° 09' 40"	09° 29' 52"	293° 11' 46"	38° 41' 33"
28/06/2025	18:39	47° 48' 39"	296° 02' 44"	09° 16' 13"	293° 11' 24"	38° 41' 54"
28/06/2025	18:40	47° 35' 33"	295° 55' 53"	09° 02' 34"	293° 11' 04"	38° 42' 15"
28/06/2025	18:41	47° 22' 26"	295° 49' 07"	08° 48' 56"	293° 10' 45"	38° 42' 35"
28/06/2025	18:42	47° 09' 18"	295° 42' 27"	08° 35' 19"	293° 10' 27"	38° 42' 56"
28/06/2025	18:43	46° 56' 09"	295° 35' 51"	08° 21' 41"	293° 10' 11"	38° 43' 17"
28/06/2025	18:44	46° 43' 00"	295° 29' 20"	08° 08' 04"	293° 09' 56"	38° 43' 37"
28/06/2025	18:45	46° 29' 50"	295° 22' 53"	07° 54' 27"	293° 09' 43"	38° 43' 58"
28/06/2025	18:46	46° 16' 39"	295° 16' 31"	07° 40' 51"	293° 09' 31"	38° 44' 19"
28/06/2025	18:47	46° 03' 28"	295° 10' 14"	07° 27' 16"	293° 09' 21"	38° 44' 40"
28/06/2025	18:48	45° 50' 15"	295° 04' 02"	07° 13' 41"	293° 09' 12"	38° 45' 01"
28/06/2025	18:49	45° 37' 03"	294° 57' 54"	07° 00' 06"	293° 09' 04"	38° 45' 22"
28/06/2025	18:50	45° 23' 49"	294° 51' 50"	06° 46' 32"	293° 08' 58"	38° 45' 43"
28/06/2025	18:51	45° 10' 35"	294° 45' 51"	06° 32' 59"	293° 08' 54"	38° 46' 04"
28/06/2025	18:52	44° 57' 20"	294° 39' 56"	06° 19' 27"	293° 08' 51"	38° 46' 26"
28/06/2025	18:53	44° 44' 05"	294° 34' 05"	06° 05' 55"	293° 08' 49"	38° 46' 47"

Sumber : Perisian AIMS JUPEM



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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 : 22:13:00			28/06/2025	Matahari Terbenam : 19:23:00		
Umur Hilal : 75j 42m				Ijtimak : 18:31 (2025-6-25)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
28/06/2025	18:54	44° 30' 49"	294° 28' 19"	05° 52' 24"	293° 08' 49"	38° 47' 08"
28/06/2025	18:55	44° 17' 33"	294° 22' 36"	05° 38' 55"	293° 08' 50"	38° 47' 29"
28/06/2025	18:56	44° 04' 16"	294° 16' 58"	05° 25' 26"	293° 08' 52"	38° 47' 51"
28/06/2025	18:57	43° 50' 58"	294° 11' 24"	05° 11' 59"	293° 08' 56"	38° 48' 12"
28/06/2025	18:58	43° 37' 40"	294° 05' 54"	04° 58' 32"	293° 09' 02"	38° 48' 34"
28/06/2025	18:59	43° 24' 21"	294° 00' 27"	04° 45' 07"	293° 09' 09"	38° 48' 55"
28/06/2025	19:00	43° 11' 01"	293° 55' 05"	04° 31' 44"	293° 09' 17"	38° 49' 17"
28/06/2025	19:01	42° 57' 41"	293° 49' 47"	04° 18' 22"	293° 09' 27"	38° 49' 38"
28/06/2025	19:02	42° 44' 21"	293° 44' 32"	04° 05' 02"	293° 09' 38"	38° 50' 00"
28/06/2025	19:03	42° 31' 00"	293° 39' 21"	03° 51' 45"	293° 09' 50"	38° 50' 21"
28/06/2025	19:04	42° 17' 38"	293° 34' 13"	03° 38' 29"	293° 10' 04"	38° 50' 43"
28/06/2025	19:05	42° 04' 16"	293° 29' 10"	03° 25' 16"	293° 10' 20"	38° 51' 05"
28/06/2025	19:06	41° 50' 54"	293° 24' 09"	03° 12' 05"	293° 10' 37"	38° 51' 27"
28/06/2025	19:07	41° 37' 31"	293° 19' 13"	02° 58' 58"	293° 10' 55"	38° 51' 49"
28/06/2025	19:08	41° 24' 08"	293° 14' 20"	02° 45' 54"	293° 11' 14"	38° 52' 11"
28/06/2025	19:09	41° 10' 44"	293° 09' 30"	02° 32' 54"	293° 11' 35"	38° 52' 33"
28/06/2025	19:10	40° 57' 19"	293° 04' 44"	02° 19' 58"	293° 11' 58"	38° 52' 55"
28/06/2025	19:11	40° 43' 54"	293° 00' 01"	02° 07' 07"	293° 12' 22"	38° 53' 17"
28/06/2025	19:12	40° 30' 29"	292° 55' 22"	01° 54' 21"	293° 12' 47"	38° 53' 39"
28/06/2025	19:13	40° 17' 03"	292° 50' 46"	01° 41' 41"	293° 13' 14"	38° 54' 01"
28/06/2025	19:14	40° 03' 37"	292° 46' 13"	01° 29' 08"	293° 13' 42"	38° 54' 23"
28/06/2025	19:15	39° 50' 10"	292° 41' 43"	01° 16' 42"	293° 14' 12"	38° 54' 45"
28/06/2025	19:16	39° 36' 43"	292° 37' 17"	01° 04' 24"	293° 14' 43"	38° 55' 08"
28/06/2025	19:17	39° 23' 16"	292° 32' 53"	00° 52' 14"	293° 15' 15"	38° 55' 30"
28/06/2025	19:18	39° 09' 48"	292° 28' 33"	00° 40' 14"	293° 15' 49"	38° 55' 52"
28/06/2025	19:19	38° 56' 20"	292° 24' 16"	00° 28' 24"	293° 16' 24"	38° 56' 15"
28/06/2025	19:20	38° 42' 51"	292° 20' 02"	00° 16' 43"	293° 17' 01"	38° 56' 37"
28/06/2025	19:21	38° 29' 22"	292° 15' 51"	00° 05' 11"	293° 17' 39"	38° 57' 00"
28/06/2025	19:22	38° 15' 53"	292° 11' 42"	-00° 06' 16"	293° 18' 18"	38° 57' 23"
28/06/2025	19:23	38° 02' 23"	292° 07' 37"	-00° 17' 40"	293° 18' 59"	38° 57' 45"
28/06/2025	19:24	37° 48' 53"	292° 03' 35"	-00° 29' 09"	293° 19' 42"	38° 58' 08"

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Umur Hilal : 75j 42m				Ijtimak : 18:31 (2025-6-25)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
28/06/2025	19:25	37° 35' 22"	291° 59' 35"	-00° 40' 54"	293° 20' 25"	38° 58' 31"
28/06/2025	19:26	37° 21' 51"	291° 55' 39"	-00° 53' 09"	293° 21' 11"	38° 58' 53"
28/06/2025	19:27	37° 08' 20"	291° 51' 45"	-01° 06' 10"	293° 21' 57"	38° 59' 16"
28/06/2025	19:28	36° 54' 48"	291° 47' 54"	-01° 20' 14"	293° 22' 45"	38° 59' 39"
28/06/2025	19:29	36° 41' 16"	291° 44' 06"	-01° 35' 33"	293° 23' 35"	39° 00' 02"
28/06/2025	19:30	36° 27' 44"	291° 40' 20"	-01° 52' 09"	293° 24' 26"	39° 00' 25"
28/06/2025	19:31	36° 14' 11"	291° 36' 37"	-02° 09' 51"	293° 25' 18"	39° 00' 48"
28/06/2025	19:32	36° 00' 38"	291° 32' 57"	-02° 28' 20"	293° 26' 12"	39° 01' 11"
28/06/2025	19:33	35° 47' 05"	291° 29' 19"	-02° 47' 08"	293° 27' 08"	39° 01' 35"
28/06/2025	19:34	35° 33' 32"	291° 25' 44"	-03° 05' 51"	293° 28' 04"	39° 01' 58"
28/06/2025	19:35	35° 19' 58"	291° 22' 12"	-03° 24' 13"	293° 29' 03"	39° 02' 21"
28/06/2025	19:36	35° 06' 24"	291° 18' 42"	-03° 42' 02"	293° 30' 02"	39° 02' 44"
28/06/2025	19:37	34° 52' 49"	291° 15' 14"	-03° 59' 16"	293° 31' 03"	39° 03' 08"
28/06/2025	19:38	34° 39' 14"	291° 11' 49"	-04° 15' 55"	293° 32' 06"	39° 03' 31"
28/06/2025	19:39	34° 25' 39"	291° 08' 27"	-04° 32' 03"	293° 33' 10"	39° 03' 55"
28/06/2025	19:40	34° 12' 04"	291° 05' 07"	-04° 47' 49"	293° 34' 15"	39° 04' 18"
28/06/2025	19:41	33° 58' 29"	291° 01' 49"	-05° 30' 50"	293° 35' 22"	39° 04' 42"
28/06/2025	19:42	33° 44' 53"	290° 58' 34"	-05° 17' 26"	293° 36' 31"	39° 05' 05"
28/06/2025	19:43	33° 31' 17"	290° 55' 21"	-05° 32' 22"	293° 37' 41"	39° 05' 29"
28/06/2025	19:44	33° 17' 40"	290° 52' 10"	-05° 46' 56"	293° 38' 52"	39° 05' 53"
28/06/2025	19:45	33° 04' 04"	290° 49' 02"	-06° 01' 17"	293° 40' 05"	39° 06' 17"
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28/06/2025	19:47	32° 36' 50"	290° 42' 52"	-06° 29' 36"	293° 42' 35"	39° 07' 04"
28/06/2025	19:48	32° 23' 12"	290° 39' 50"	-06° 43' 37"	293° 43' 53"	39° 07' 28"
28/06/2025	19:49	32° 09' 35"	290° 36' 51"	-06° 57' 33"	293° 45' 12"	39° 07' 52"
28/06/2025	19:50	31° 55' 57"	290° 33' 54"	-07° 11' 26"	293° 46' 32"	39° 08' 16"
28/06/2025	19:51	31° 42' 19"	290° 30' 59"	-07° 25' 16"	293° 47' 54"	39° 08' 41"
28/06/2025	19:52	31° 28' 40"	290° 28' 06"	-07° 39' 04"	293° 49' 17"	39° 09' 05"
28/06/2025	19:53	31° 15' 02"	290° 25' 16"	-07° 52' 50"	293° 50' 42"	39° 09' 29"
28/06/2025	19:54	31° 01' 23"	290° 22' 27"	-08° 06' 34"	293° 52' 09"	39° 09' 53"
28/06/2025	19:55	30° 47' 44"	290° 19' 41"	-08° 20' 17"	293° 53' 36"	39° 10' 18"

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Balai Cerap Al-Khawarizmi, Tg. Bidara, Melaka
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Bulan Terbenam : 22:13:00			28/06/2025	Matahari Terbenam : 19:23:00		
Umur Hilal : 75j 42m				Ijtimak : 18:31 (2025-6-25)		
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28/06/2025	19:56	30° 34' 05"	290° 16' 56"	-08° 33' 59"	293° 55' 06"	39° 10' 42"
28/06/2025	19:57	30° 20' 26"	290° 14' 14"	-08° 47' 40"	293° 56' 37"	39° 11' 06"
28/06/2025	19:58	30° 06' 46"	290° 11' 34"	-09° 01' 20"	293° 58' 10"	39° 11' 31"
28/06/2025	19:59	29° 53' 06"	290° 08' 55"	-09° 14' 59"	293° 59' 44"	39° 11' 55"
28/06/2025	20:00	29° 39' 26"	290° 06' 19"	-09° 28' 38"	294° 01' 19"	39° 12' 20"
28/06/2025	20:01	29° 25' 46"	290° 03' 45"	-09° 42' 17"	294° 02' 57"	39° 12' 45"
28/06/2025	20:02	29° 12' 06"	290° 01' 13"	-09° 55' 55"	294° 04' 35"	39° 13' 09"
28/06/2025	20:03	28° 58' 25"	289° 58' 42"	-10° 09' 33"	294° 06' 16"	39° 13' 34"
28/06/2025	20:04	28° 44' 45"	289° 56' 14"	-10° 23' 10"	294° 07' 58"	39° 13' 59"
28/06/2025	20:05	28° 31' 04"	289° 53' 47"	-10° 36' 47"	294° 09' 41"	39° 14' 24"
28/06/2025	20:06	28° 17' 23"	289° 51' 22"	-10° 50' 24"	294° 11' 26"	39° 14' 49"
28/06/2025	20:07	28° 03' 41"	289° 49' 00"	-11° 04' 00"	294° 13' 13"	39° 15' 14"
28/06/2025	20:08	27° 50' 00"	289° 46' 39"	-11° 17' 37"	294° 15' 02"	39° 15' 39"
28/06/2025	20:09	27° 36' 19"	289° 44' 20"	-11° 31' 13"	294° 16' 51"	39° 16' 04"
28/06/2025	20:10	27° 22' 37"	289° 42' 02"	-11° 44' 49"	294° 18' 43"	39° 16' 29"
28/06/2025	20:11	27° 08' 55"	289° 39' 47"	-11° 58' 25"	294° 20' 36"	39° 16' 54"
28/06/2025	20:12	26° 55' 13"	289° 37' 33"	-12° 12' 00"	294° 22' 31"	39° 17' 20"
28/06/2025	20:13	26° 41' 31"	289° 35' 21"	-12° 25' 36"	294° 24' 28"	39° 17' 45"
28/06/2025	20:14	26° 27' 49"	289° 33' 11"	-12° 39' 11"	294° 26' 26"	39° 18' 10"
28/06/2025	20:15	26° 14' 06"	289° 31' 03"	-12° 52' 46"	294° 28' 25"	39° 18' 36"
28/06/2025	20:16	26° 00' 24"	289° 28' 56"	-13° 06' 21"	294° 30' 27"	39° 19' 01"
28/06/2025	20:17	25° 46' 41"	289° 26' 51"	-13° 19' 56"	294° 32' 30"	39° 19' 27"
28/06/2025	20:18	25° 32' 58"	289° 24' 48"	-13° 33' 31"	294° 34' 35"	39° 19' 52"
28/06/2025	20:19	25° 19' 15"	289° 22' 46"	-13° 47' 05"	294° 36' 41"	39° 20' 18"
28/06/2025	20:20	25° 05' 32"	289° 20' 46"	-14° 00' 39"	294° 38' 49"	39° 20' 44"
28/06/2025	20:21	24° 51' 49"	289° 18' 48"	-14° 14' 13"	294° 40' 59"	39° 21' 10"
28/06/2025	20:22	24° 38' 06"	289° 16' 52"	-14° 27' 47"	294° 43' 11"	39° 21' 35"
28/06/2025	20:23	24° 24' 23"	289° 14' 57"	-14° 41' 21"	294° 45' 24"	39° 22' 01"

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