



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 : 21:34:00			02/01/2025	Matahari Terbenam : 19:16:00		
Umur Hilal : 63j 07m				Ijtimak : 06:27 (2024-12-31)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
02/01/2025	18:16	42° 45' 10"	238° 49' 27"	12° 53' 15"	245° 55' 01"	30° 32' 32"
02/01/2025	18:17	42° 32' 44"	238° 57' 20"	12° 39' 39"	245° 57' 00"	30° 32' 53"
02/01/2025	18:18	42° 20' 17"	239° 05' 08"	12° 26' 02"	245° 58' 57"	30° 33' 14"
02/01/2025	18:19	42° 07' 49"	239° 12' 51"	12° 12' 26"	246° 00' 53"	30° 33' 35"
02/01/2025	18:20	41° 55' 20"	239° 20' 30"	11° 58' 49"	246° 02' 47"	30° 33' 56"
02/01/2025	18:21	41° 42' 50"	239° 28' 05"	11° 45' 13"	246° 04' 39"	30° 34' 17"
02/01/2025	18:22	41° 30' 19"	239° 35' 35"	11° 31' 36"	246° 06' 30"	30° 34' 39"
02/01/2025	18:23	41° 17' 48"	239° 43' 01"	11° 18' 00"	246° 08' 19"	30° 35' 00"
02/01/2025	18:24	41° 05' 15"	239° 50' 22"	11° 04' 23"	246° 10' 06"	30° 35' 21"
02/01/2025	18:25	40° 52' 41"	239° 57' 39"	10° 50' 47"	246° 11' 52"	30° 35' 43"
02/01/2025	18:26	40° 40' 06"	240° 04' 52"	10° 37' 10"	246° 13' 37"	30° 36' 04"
02/01/2025	18:27	40° 27' 31"	240° 12' 00"	10° 23' 34"	246° 15' 20"	30° 36' 26"
02/01/2025	18:28	40° 14' 54"	240° 19' 05"	10° 09' 57"	246° 17' 01"	30° 36' 47"
02/01/2025	18:29	40° 02' 17"	240° 26' 05"	09° 56' 21"	246° 18' 41"	30° 37' 09"
02/01/2025	18:30	39° 49' 38"	240° 33' 01"	09° 42' 45"	246° 20' 19"	30° 37' 31"
02/01/2025	18:31	39° 36' 59"	240° 39' 54"	09° 29' 09"	246° 21' 55"	30° 37' 52"
02/01/2025	18:32	39° 24' 19"	240° 46' 42"	09° 15' 33"	246° 23' 31"	30° 38' 14"
02/01/2025	18:33	39° 11' 39"	240° 53' 26"	09° 01' 57"	246° 25' 04"	30° 38' 36"
02/01/2025	18:34	38° 58' 57"	241° 00' 07"	08° 48' 22"	246° 26' 36"	30° 38' 58"
02/01/2025	18:35	38° 46' 15"	241° 06' 43"	08° 34' 46"	246° 28' 07"	30° 39' 20"
02/01/2025	18:36	38° 33' 31"	241° 13' 16"	08° 21' 11"	246° 29' 36"	30° 39' 42"
02/01/2025	18:37	38° 20' 47"	241° 19' 45"	08° 07' 36"	246° 31' 03"	30° 40' 04"
02/01/2025	18:38	38° 08' 03"	241° 26' 10"	07° 54' 02"	246° 32' 29"	30° 40' 26"
02/01/2025	18:39	37° 55' 17"	241° 32' 32"	07° 40' 27"	246° 33' 53"	30° 40' 48"
02/01/2025	18:40	37° 42' 31"	241° 38' 50"	07° 26' 54"	246° 35' 16"	30° 41' 10"
02/01/2025	18:41	37° 29' 44"	241° 45' 05"	07° 13' 20"	246° 36' 38"	30° 41' 32"
02/01/2025	18:42	37° 16' 56"	241° 51' 15"	06° 59' 47"	246° 37' 58"	30° 41' 54"
02/01/2025	18:43	37° 04' 07"	241° 57' 23"	06° 46' 15"	246° 39' 16"	30° 42' 17"
02/01/2025	18:44	36° 51' 18"	242° 03' 27"	06° 32' 43"	246° 40' 33"	30° 42' 39"
02/01/2025	18:45	36° 38' 28"	242° 09' 27"	06° 19' 12"	246° 41' 49"	30° 43' 01"
02/01/2025	18:46	36° 25' 38"	242° 15' 24"	06° 05' 41"	246° 43' 03"	30° 43' 24"

Sumber : Perisian AIMS JUPEM



DATA RUKYAH MATAHARI DAN BULAN
Balai Cerap Al-Khawarizmi, Tg. Bidara, Melaka
[2°17'38" U, 102°5'0" T, 25 m]
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Bulan Terbenam : 21:34:00			02/01/2025	Matahari Terbenam : 19:16:00		
Umur Hilal : 63j 07m				Ijtimak : 06:27 (2024-12-31)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
02/01/2025	18:47	36° 12' 46"	242° 21' 17"	05° 52' 12"	246° 44' 15"	30° 43' 46"
02/01/2025	18:48	35° 59' 54"	242° 27' 08"	05° 38' 43"	246° 45' 26"	30° 44' 09"
02/01/2025	18:49	35° 47' 02"	242° 32' 55"	05° 25' 15"	246° 46' 36"	30° 44' 32"
02/01/2025	18:50	35° 34' 09"	242° 38' 38"	05° 11' 48"	246° 47' 44"	30° 44' 54"
02/01/2025	18:51	35° 21' 15"	242° 44' 19"	04° 58' 22"	246° 48' 51"	30° 45' 17"
02/01/2025	18:52	35° 08' 20"	242° 49' 56"	04° 44' 57"	246° 49' 56"	30° 45' 40"
02/01/2025	18:53	34° 55' 25"	242° 55' 30"	04° 31' 34"	246° 51' 00"	30° 46' 03"
02/01/2025	18:54	34° 42' 29"	243° 01' 01"	04° 18' 13"	246° 52' 03"	30° 46' 25"
02/01/2025	18:55	34° 29' 32"	243° 06' 28"	04° 04' 53"	246° 53' 03"	30° 46' 48"
02/01/2025	18:56	34° 16' 35"	243° 11' 53"	03° 51' 35"	246° 54' 03"	30° 47' 11"
02/01/2025	18:57	34° 03' 38"	243° 17' 14"	03° 38' 19"	246° 55' 01"	30° 47' 34"
02/01/2025	18:58	33° 50' 40"	243° 22' 33"	03° 25' 05"	246° 55' 58"	30° 47' 57"
02/01/2025	18:59	33° 37' 41"	243° 27' 49"	03° 11' 55"	246° 56' 53"	30° 48' 21"
02/01/2025	19:00	33° 24' 41"	243° 33' 01"	02° 58' 47"	246° 57' 47"	30° 48' 44"
02/01/2025	19:01	33° 11' 41"	243° 38' 11"	02° 45' 42"	246° 58' 39"	30° 49' 07"
02/01/2025	19:02	32° 58' 41"	243° 43' 18"	02° 32' 41"	246° 59' 30"	30° 49' 30"
02/01/2025	19:03	32° 45' 40"	243° 48' 21"	02° 19' 44"	247° 00' 20"	30° 49' 54"
02/01/2025	19:04	32° 32' 38"	243° 53' 22"	02° 06' 52"	247° 01' 08"	30° 50' 17"
02/01/2025	19:05	32° 19' 36"	243° 58' 21"	01° 54' 05"	247° 01' 54"	30° 50' 41"
02/01/2025	19:06	32° 06' 33"	244° 03' 16"	01° 41' 24"	247° 02' 40"	30° 51' 04"
02/01/2025	19:07	31° 53' 30"	244° 08' 09"	01° 28' 49"	247° 03' 24"	30° 51' 28"
02/01/2025	19:08	31° 40' 27"	244° 12' 59"	01° 16' 22"	247° 04' 06"	30° 51' 51"
02/01/2025	19:09	31° 27' 22"	244° 17' 46"	01° 04' 03"	247° 04' 47"	30° 52' 15"
02/01/2025	19:10	31° 14' 18"	244° 22' 30"	00° 51' 52"	247° 05' 27"	30° 52' 39"
02/01/2025	19:11	31° 01' 12"	244° 27' 12"	00° 39' 51"	247° 06' 05"	30° 53' 03"
02/01/2025	19:12	30° 48' 07"	244° 31' 51"	00° 27' 59"	247° 06' 42"	30° 53' 26"
02/01/2025	19:13	30° 35' 01"	244° 36' 28"	00° 16' 16"	247° 07' 17"	30° 53' 50"
02/01/2025	19:14	30° 21' 54"	244° 41' 02"	00° 04' 42"	247° 07' 51"	30° 54' 14"
02/01/2025	19:15	30° 08' 47"	244° 45' 33"	-00° 06' 46"	247° 08' 24"	30° 54' 38"
02/01/2025	19:16	29° 55' 39"	244° 50' 02"	-00° 18' 13"	247° 08' 55"	30° 55' 02"
02/01/2025	19:17	29° 42' 31"	244° 54' 28"	-00° 29' 45"	247° 09' 25"	30° 55' 26"

Sumber : Perisian AIMS JUPEM



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Bulan Terbenam : 21:34:00			02/01/2025	Matahari Terbenam : 19:16:00		
Umur Hilal : 63j 07m				Ijtimak : 06:27 (2024-12-31)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
02/01/2025	19:18	29° 29' 23"	244° 58' 52"	-00° 41' 33"	247° 09' 53"	30° 55' 51"
02/01/2025	19:19	29° 16' 14"	245° 03' 14"	-00° 53' 53"	247° 10' 20"	30° 56' 15"
02/01/2025	19:20	29° 03' 05"	245° 07' 33"	-01° 07' 00"	247° 10' 46"	30° 56' 39"
02/01/2025	19:21	28° 49' 55"	245° 11' 49"	-01° 21' 12"	247° 11' 10"	30° 57' 04"
02/01/2025	19:22	28° 36' 45"	245° 16' 03"	-01° 36' 40"	247° 11' 33"	30° 57' 28"
02/01/2025	19:23	28° 23' 34"	245° 20' 15"	-01° 53' 26"	247° 11' 54"	30° 57' 52"
02/01/2025	19:24	28° 10' 23"	245° 24' 24"	-02° 11' 17"	247° 12' 14"	30° 58' 17"
02/01/2025	19:25	27° 57' 12"	245° 28' 31"	-02° 29' 53"	247° 12' 33"	30° 58' 42"
02/01/2025	19:26	27° 44' 00"	245° 32' 36"	-02° 48' 47"	247° 12' 50"	30° 59' 06"
02/01/2025	19:27	27° 30' 48"	245° 36' 38"	-03° 07' 35"	247° 13' 06"	30° 59' 31"
02/01/2025	19:28	27° 17' 36"	245° 40' 38"	-03° 25' 59"	247° 13' 20"	30° 59' 56"
02/01/2025	19:29	27° 04' 23"	245° 44' 36"	-03° 43' 50"	247° 13' 34"	31° 00' 20"
02/01/2025	19:30	26° 51' 09"	245° 48' 32"	-04° 01' 06"	247° 13' 45"	31° 00' 45"
02/01/2025	19:31	26° 37' 56"	245° 52' 25"	-04° 17' 47"	247° 13' 55"	31° 01' 10"
02/01/2025	19:32	26° 24' 42"	245° 56' 16"	-04° 33' 57"	247° 14' 04"	31° 01' 35"
02/01/2025	19:33	26° 11' 27"	246° 00' 05"	-04° 49' 46"	247° 14' 12"	31° 02' 00"
02/01/2025	19:34	25° 58' 13"	246° 03' 52"	-05° 03' 03"	247° 14' 18"	31° 02' 25"
02/01/2025	19:35	25° 44' 57"	246° 07' 37"	-05° 19' 32"	247° 14' 22"	31° 02' 50"
02/01/2025	19:36	25° 31' 42"	246° 11' 19"	-05° 34' 29"	247° 14' 25"	31° 03' 16"
02/01/2025	19:37	25° 18' 26"	246° 15' 00"	-05° 49' 06"	247° 14' 27"	31° 03' 41"
02/01/2025	19:38	25° 05' 10"	246° 18' 38"	-06° 03' 31"	247° 14' 28"	31° 04' 06"
02/01/2025	19:39	24° 51' 54"	246° 22' 14"	-06° 17' 49"	247° 14' 26"	31° 04' 32"
02/01/2025	19:40	24° 38' 37"	246° 25' 49"	-06° 32' 00"	247° 14' 24"	31° 04' 57"
02/01/2025	19:41	24° 25' 20"	246° 29' 21"	-06° 46' 06"	247° 14' 20"	31° 05' 23"
02/01/2025	19:42	24° 12' 03"	246° 32' 51"	-07° 00' 07"	247° 14' 15"	31° 05' 48"
02/01/2025	19:43	23° 58' 45"	246° 36' 19"	-07° 14' 06"	247° 14' 08"	31° 06' 14"
02/01/2025	19:44	23° 45' 27"	246° 39' 45"	-07° 28' 01"	247° 14' 00"	31° 06' 39"
02/01/2025	19:45	23° 32' 09"	246° 43' 09"	-07° 41' 55"	247° 13' 50"	31° 07' 05"
02/01/2025	19:46	23° 18' 50"	246° 46' 31"	-07° 55' 47"	247° 13' 39"	31° 07' 31"
02/01/2025	19:47	23° 05' 31"	246° 49' 52"	-08° 09' 38"	247° 13' 27"	31° 07' 57"
02/01/2025	19:48	22° 52' 12"	246° 53' 10"	-08° 23' 27"	247° 13' 13"	31° 08' 23"

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DATA RUKYAH MATAHARI DAN BULAN
Balai Cerap Al-Khawarizmi, Tg. Bidara, Melaka
[2°17'38" U, 102°5'0" T, 25 m]
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Bulan Terbenam : 21:34:00			02/01/2025	Matahari Terbenam : 19:16:00		
Umur Hilal : 63j 07m				Ijtimak : 06:27 (2024-12-31)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
02/01/2025	19:49	22° 38' 53"	246° 56' 26"	-08° 37' 15"	247° 12' 58"	31° 08' 49"
02/01/2025	19:50	22° 25' 33"	246° 59' 41"	-08° 51' 03"	247° 12' 41"	31° 09' 15"
02/01/2025	19:51	22° 12' 13"	247° 02' 53"	-09° 04' 50"	247° 12' 23"	31° 09' 41"
02/01/2025	19:52	21° 58' 53"	247° 06' 04"	-09° 18' 37"	247° 12' 03"	31° 10' 07"
02/01/2025	19:53	21° 45' 33"	247° 09' 13"	-09° 32' 23"	247° 11' 42"	31° 10' 33"
02/01/2025	19:54	21° 32' 12"	247° 12' 20"	-09° 46' 09"	247° 11' 20"	31° 10' 59"
02/01/2025	19:55	21° 18' 51"	247° 15' 25"	-09° 59' 55"	247° 10' 56"	31° 11' 26"
02/01/2025	19:56	21° 05' 30"	247° 18' 28"	-10° 13' 40"	247° 10' 30"	31° 11' 52"
02/01/2025	19:57	20° 52' 09"	247° 21' 30"	-10° 27' 25"	247° 10' 03"	31° 12' 18"
02/01/2025	19:58	20° 38' 47"	247° 24' 30"	-10° 41' 10"	247° 09' 35"	31° 12' 45"
02/01/2025	19:59	20° 25' 25"	247° 27' 28"	-10° 54' 55"	247° 09' 05"	31° 13' 12"
02/01/2025	20:00	20° 12' 03"	247° 30' 24"	-11° 08' 40"	247° 08' 34"	31° 13' 38"
02/01/2025	20:01	19° 58' 41"	247° 33' 18"	-11° 22' 25"	247° 08' 01"	31° 14' 05"
02/01/2025	20:02	19° 45' 18"	247° 36' 11"	-11° 36' 10"	247° 07' 27"	31° 14' 32"
02/01/2025	20:03	19° 31' 56"	247° 39' 02"	-11° 49' 55"	247° 06' 51"	31° 14' 58"
02/01/2025	20:04	19° 18' 33"	247° 41' 51"	-12° 03' 39"	247° 06' 14"	31° 15' 25"
02/01/2025	20:05	19° 05' 10"	247° 44' 39"	-12° 17' 24"	247° 05' 35"	31° 15' 52"
02/01/2025	20:06	18° 51' 46"	247° 47' 25"	-12° 31' 08"	247° 04' 55"	31° 16' 19"
02/01/2025	20:07	18° 38' 23"	247° 50' 09"	-12° 44' 53"	247° 04' 13"	31° 16' 46"
02/01/2025	20:08	18° 24' 59"	247° 52' 52"	-12° 58' 37"	247° 03' 30"	31° 17' 13"
02/01/2025	20:09	18° 11' 35"	247° 55' 32"	-13° 12' 22"	247° 02' 45"	31° 17' 40"
02/01/2025	20:10	17° 58' 11"	247° 58' 12"	-13° 26' 06"	247° 01' 58"	31° 18' 08"
02/01/2025	20:11	17° 44' 47"	248° 00' 49"	-13° 39' 51"	247° 01' 10"	31° 18' 35"
02/01/2025	20:12	17° 31' 23"	248° 03' 25"	-13° 53' 35"	247° 00' 21"	31° 19' 02"
02/01/2025	20:13	17° 17' 58"	248° 06' 00"	-14° 07' 20"	246° 59' 30"	31° 19' 30"
02/01/2025	20:14	17° 04' 34"	248° 08' 32"	-14° 21' 04"	246° 58' 38"	31° 19' 57"
02/01/2025	20:15	16° 51' 09"	248° 11' 04"	-14° 34' 48"	246° 57' 43"	31° 20' 25"
02/01/2025	20:16	16° 37' 44"	248° 13' 33"	-14° 48' 33"	246° 56' 48"	31° 20' 52"

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