



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 : 19:28:00			22/09/2025	Matahari Terbenam : 19:08:00		
Umur Hilal : 15j 34m				Ijtimak : 03:54 (2025-9-22)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
22/09/2025	18:08	18° 32' 20"	264° 54' 50"	14° 08' 24"	269° 33' 44"	06° 16' 32"
22/09/2025	18:09	18° 17' 46"	264° 55' 37"	13° 53' 29"	269° 34' 21"	06° 16' 56"
22/09/2025	18:10	18° 03' 12"	264° 56' 23"	13° 38' 33"	269° 34' 58"	06° 17' 19"
22/09/2025	18:11	17° 48' 38"	264° 57' 09"	13° 23' 38"	269° 35' 34"	06° 17' 43"
22/09/2025	18:12	17° 34' 04"	264° 57' 54"	13° 08' 43"	269° 36' 11"	06° 18' 07"
22/09/2025	18:13	17° 19' 30"	264° 58' 39"	12° 53' 48"	269° 36' 47"	06° 18' 31"
22/09/2025	18:14	17° 04' 56"	264° 59' 24"	12° 38' 54"	269° 37' 24"	06° 18' 54"
22/09/2025	18:15	16° 50' 23"	265° 00' 08"	12° 23' 59"	269° 38' 00"	06° 19' 18"
22/09/2025	18:16	16° 35' 50"	265° 00' 52"	12° 09' 05"	269° 38' 36"	06° 19' 42"
22/09/2025	18:17	16° 21' 16"	265° 01' 36"	11° 54' 11"	269° 39' 12"	06° 20' 06"
22/09/2025	18:18	16° 06' 43"	265° 02' 19"	11° 39' 17"	269° 39' 49"	06° 20' 30"
22/09/2025	18:19	15° 52' 10"	265° 03' 01"	11° 24' 23"	269° 40' 25"	06° 20' 54"
22/09/2025	18:20	15° 37' 37"	265° 03' 44"	11° 09' 30"	269° 41' 01"	06° 21' 18"
22/09/2025	18:21	15° 23' 05"	265° 04' 25"	10° 54' 37"	269° 41' 37"	06° 21' 42"
22/09/2025	18:22	15° 08' 32"	265° 05' 07"	10° 39' 44"	269° 42' 13"	06° 22' 06"
22/09/2025	18:23	14° 54' 00"	265° 05' 48"	10° 24' 51"	269° 42' 49"	06° 22' 31"
22/09/2025	18:24	14° 39' 28"	265° 06' 29"	10° 09' 59"	269° 43' 24"	06° 22' 55"
22/09/2025	18:25	14° 24' 55"	265° 07' 09"	09° 55' 07"	269° 44' 00"	06° 23' 19"
22/09/2025	18:26	14° 10' 24"	265° 07' 49"	09° 40' 15"	269° 44' 36"	06° 23' 43"
22/09/2025	18:27	13° 55' 52"	265° 08' 29"	09° 25' 24"	269° 45' 12"	06° 24' 08"
22/09/2025	18:28	13° 41' 20"	265° 09' 08"	09° 10' 33"	269° 45' 47"	06° 24' 32"
22/09/2025	18:29	13° 26' 49"	265° 09' 47"	08° 55' 42"	269° 46' 23"	06° 24' 56"
22/09/2025	18:30	13° 12' 18"	265° 10' 26"	08° 40' 52"	269° 46' 59"	06° 25' 21"
22/09/2025	18:31	12° 57' 47"	265° 11' 04"	08° 26' 02"	269° 47' 34"	06° 25' 45"
22/09/2025	18:32	12° 43' 16"	265° 11' 42"	08° 11' 13"	269° 48' 10"	06° 26' 10"
22/09/2025	18:33	12° 28' 45"	265° 12' 20"	07° 56' 24"	269° 48' 45"	06° 26' 35"
22/09/2025	18:34	12° 14' 15"	265° 12' 57"	07° 41' 36"	269° 49' 21"	06° 26' 59"
22/09/2025	18:35	11° 59' 45"	265° 13' 34"	07° 26' 49"	269° 49' 56"	06° 27' 24"
22/09/2025	18:36	11° 45' 15"	265° 14' 10"	07° 12' 02"	269° 50' 31"	06° 27' 49"
22/09/2025	18:37	11° 30' 45"	265° 14' 46"	06° 57' 16"	269° 51' 07"	06° 28' 13"
22/09/2025	18:38	11° 16' 16"	265° 15' 22"	06° 42' 31"	269° 51' 42"	06° 28' 38"

Sumber : Perisian AIMS JUPEM



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Umur Hilal : 15j 34m				Ijtimak : 03:54 (2025-9-22)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
22/09/2025	18:39	11° 01' 47"	265° 15' 58"	06° 27' 46"	269° 52' 17"	06° 29' 03"
22/09/2025	18:40	10° 47' 18"	265° 16' 33"	06° 13' 03"	269° 52' 53"	06° 29' 28"
22/09/2025	18:41	10° 32' 49"	265° 17' 08"	05° 58' 20"	269° 53' 28"	06° 29' 53"
22/09/2025	18:42	10° 18' 21"	265° 17' 42"	05° 43' 39"	269° 54' 03"	06° 30' 18"
22/09/2025	18:43	10° 03' 53"	265° 18' 16"	05° 28' 58"	269° 54' 38"	06° 30' 43"
22/09/2025	18:44	09° 49' 26"	265° 18' 50"	05° 14' 20"	269° 55' 13"	06° 31' 08"
22/09/2025	18:45	09° 34' 59"	265° 19' 23"	04° 59' 42"	269° 55' 49"	06° 31' 33"
22/09/2025	18:46	09° 20' 32"	265° 19' 57"	04° 45' 06"	269° 56' 24"	06° 31' 58"
22/09/2025	18:47	09° 06' 05"	265° 20' 29"	04° 30' 32"	269° 56' 59"	06° 32' 23"
22/09/2025	18:48	08° 51' 40"	265° 21' 02"	04° 16' 00"	269° 57' 34"	06° 32' 49"
22/09/2025	18:49	08° 37' 14"	265° 21' 34"	04° 01' 30"	269° 58' 09"	06° 33' 14"
22/09/2025	18:50	08° 22' 49"	265° 22' 06"	03° 47' 03"	269° 58' 44"	06° 33' 39"
22/09/2025	18:51	08° 08' 25"	265° 22' 38"	03° 32' 38"	269° 59' 19"	06° 34' 05"
22/09/2025	18:52	07° 54' 01"	265° 23' 09"	03° 18' 16"	269° 59' 54"	06° 34' 30"
22/09/2025	18:53	07° 39' 38"	265° 23' 40"	03° 03' 58"	270° 00' 29"	06° 34' 56"
22/09/2025	18:54	07° 25' 15"	265° 24' 10"	02° 49' 44"	270° 01' 04"	06° 35' 21"
22/09/2025	18:55	07° 10' 53"	265° 24' 41"	02° 35' 34"	270° 01' 39"	06° 35' 47"
22/09/2025	18:56	06° 56' 32"	265° 25' 11"	02° 21' 28"	270° 02' 14"	06° 36' 12"
22/09/2025	18:57	06° 42' 12"	265° 25' 40"	02° 07' 29"	270° 02' 49"	06° 36' 38"
22/09/2025	18:58	06° 27' 52"	265° 26' 10"	01° 53' 35"	270° 03' 24"	06° 37' 03"
22/09/2025	18:59	06° 13' 34"	265° 26' 39"	01° 39' 48"	270° 04' 00"	06° 37' 29"
22/09/2025	19:00	05° 59' 16"	265° 27' 08"	01° 26' 10"	270° 04' 35"	06° 37' 55"
22/09/2025	19:01	05° 44' 59"	265° 27' 36"	01° 12' 40"	270° 05' 10"	06° 38' 21"
22/09/2025	19:02	05° 30' 44"	265° 28' 04"	00° 59' 20"	270° 05' 45"	06° 38' 47"
22/09/2025	19:03	05° 16' 30"	265° 28' 32"	00° 46' 10"	270° 06' 20"	06° 39' 12"
22/09/2025	19:04	05° 02' 18"	265° 28' 59"	00° 33' 12"	270° 06' 55"	06° 39' 38"
22/09/2025	19:05	04° 48' 06"	265° 29' 27"	00° 20' 25"	270° 07' 30"	06° 40' 04"
22/09/2025	19:06	04° 33' 57"	265° 29' 54"	00° 07' 48"	270° 08' 05"	06° 40' 30"
22/09/2025	19:07	04° 19' 50"	265° 30' 20"	-00° 04' 40"	270° 08' 40"	06° 40' 57"
22/09/2025	19:08	04° 05' 44"	265° 30' 47"	-00° 17' 05"	270° 09' 15"	06° 41' 23"
22/09/2025	19:09	03° 51' 41"	265° 31' 13"	-00° 29' 36"	270° 09' 50"	06° 41' 49"

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Umur Hilal : 15j 34m				Ijtimak : 03:54 (2025-9-22)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
22/09/2025	19:10	03° 37' 40"	265° 31' 39"	-00° 42' 27"	270° 10' 25"	06° 42' 15"
22/09/2025	19:11	03° 23' 43"	265° 32' 04"	-00° 55' 55"	270° 11' 00"	06° 42' 41"
22/09/2025	19:12	03° 09' 48"	265° 32' 29"	-01° 10' 22"	270° 11' 36"	06° 43' 08"
22/09/2025	19:13	02° 55' 57"	265° 32' 54"	-01° 26' 10"	270° 12' 11"	06° 43' 34"
22/09/2025	19:14	02° 42' 09"	265° 33' 19"	-01° 43' 29"	270° 12' 46"	06° 44' 00"
22/09/2025	19:15	02° 28' 26"	265° 33' 43"	-02° 02' 16"	270° 13' 21"	06° 44' 27"
22/09/2025	19:16	02° 14' 48"	265° 34' 07"	-02° 22' 09"	270° 13' 56"	06° 44' 53"
22/09/2025	19:17	02° 01' 16"	265° 34' 31"	-02° 42' 35"	270° 14' 32"	06° 45' 20"
22/09/2025	19:18	01° 47' 50"	265° 34' 54"	-03° 03' 03"	270° 15' 07"	06° 45' 46"
22/09/2025	19:19	01° 34' 31"	265° 35' 17"	-03° 23' 08"	270° 15' 42"	06° 46' 13"
22/09/2025	19:20	01° 21' 19"	265° 35' 40"	-03° 42' 34"	270° 16' 18"	06° 46' 40"
22/09/2025	19:21	01° 08' 16"	265° 36' 03"	-04° 01' 19"	270° 16' 53"	06° 47' 06"
22/09/2025	19:22	00° 55' 23"	265° 36' 25"	-04° 19' 23"	270° 17' 28"	06° 47' 33"
22/09/2025	19:23	00° 42' 40"	265° 36' 47"	-04° 36' 53"	270° 18' 04"	06° 48' 00"
22/09/2025	19:24	00° 30' 08"	265° 37' 09"	-04° 54' 00"	270° 18' 39"	06° 48' 27"
22/09/2025	19:25	00° 17' 46"	265° 37' 30"	-05° 14' 52"	270° 19' 15"	06° 48' 53"
22/09/2025	19:26	00° 05' 34"	265° 37' 51"	-05° 26' 09"	270° 19' 50"	06° 49' 20"
22/09/2025	19:27	-00° 06' 31"	265° 38' 12"	-05° 42' 10"	270° 20' 26"	06° 49' 47"
22/09/2025	19:28	-00° 18' 34"	265° 38' 33"	-05° 57' 54"	270° 21' 01"	06° 50' 14"
22/09/2025	19:29	-00° 30' 44"	265° 38' 53"	-06° 13' 27"	270° 21' 37"	06° 50' 41"
22/09/2025	19:30	-00° 43' 13"	265° 39' 13"	-06° 28' 52"	270° 22' 13"	06° 51' 08"
22/09/2025	19:31	-00° 56' 18"	265° 39' 33"	-06° 44' 11"	270° 22' 48"	06° 51' 36"
22/09/2025	19:32	-01° 10' 21"	265° 39' 52"	-06° 59' 25"	270° 23' 24"	06° 52' 03"
22/09/2025	19:33	-01° 25' 38"	265° 40' 12"	-07° 14' 35"	270° 24' 00"	06° 52' 30"
22/09/2025	19:34	-01° 42' 22"	265° 40' 31"	-07° 29' 41"	270° 24' 36"	06° 52' 57"
22/09/2025	19:35	-02° 00' 28"	265° 40' 49"	-07° 44' 46"	270° 25' 12"	06° 53' 25"
22/09/2025	19:36	-02° 19' 39"	265° 41' 08"	-07° 59' 48"	270° 25' 48"	06° 53' 52"
22/09/2025	19:37	-02° 39' 25"	265° 41' 26"	-08° 14' 49"	270° 26' 24"	06° 54' 19"
22/09/2025	19:38	-02° 59' 17"	265° 41' 43"	-08° 29' 48"	270° 27' 00"	06° 54' 47"
22/09/2025	19:39	-03° 18' 51"	265° 42' 01"	-08° 44' 47"	270° 27' 36"	06° 55' 14"
22/09/2025	19:40	-03° 37' 51"	265° 42' 18"	-08° 59' 45"	270° 28' 12"	06° 55' 42"

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Balai Cerap Al-Khawarizmi, Tg. Bidara, Melaka
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Bulan Terbenam : 19:28:00			22/09/2025	Matahari Terbenam : 19:08:00		
Umur Hilal : 15j 34m				Ijtimak : 03:54 (2025-9-22)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
22/09/2025	19:41	-03° 56' 11"	265° 42' 35"	-09° 14' 42"	270° 28' 48"	06° 56' 10"
22/09/2025	19:42	-04° 13' 53"	265° 42' 52"	-09° 29' 39"	270° 29' 25"	06° 56' 37"
22/09/2025	19:43	-04° 31' 00"	265° 43' 08"	-09° 44' 36"	270° 30' 01"	06° 57' 05"
22/09/2025	19:44	-04° 47' 40"	265° 43' 24"	-09° 59' 32"	270° 30' 37"	06° 57' 33"
22/09/2025	19:45	-05° 02' 49"	265° 43' 40"	-10° 14' 28"	270° 31' 14"	06° 58' 00"
22/09/2025	19:46	-05° 19' 04"	265° 43' 56"	-10° 29' 24"	270° 31' 50"	06° 58' 28"
22/09/2025	19:47	-05° 34' 47"	265° 44' 11"	-10° 44' 20"	270° 32' 27"	06° 58' 56"
22/09/2025	19:48	-05° 50' 08"	265° 44' 26"	-10° 59' 15"	270° 33' 04"	06° 59' 24"
22/09/2025	19:49	-06° 05' 17"	265° 44' 41"	-11° 14' 11"	270° 33' 40"	06° 59' 52"
22/09/2025	19:50	-06° 20' 17"	265° 44' 55"	-11° 29' 07"	270° 34' 17"	07° 00' 20"
22/09/2025	19:51	-06° 35' 10"	265° 45' 10"	-11° 44' 02"	270° 34' 54"	07° 00' 48"
22/09/2025	19:52	-06° 49' 58"	265° 45' 24"	-11° 58' 58"	270° 35' 31"	07° 01' 16"
22/09/2025	19:53	-07° 04' 41"	265° 45' 37"	-12° 13' 53"	270° 36' 08"	07° 01' 44"
22/09/2025	19:54	-07° 19' 21"	265° 45' 51"	-12° 28' 49"	270° 36' 45"	07° 02' 12"
22/09/2025	19:55	-07° 33' 58"	265° 46' 04"	-12° 43' 45"	270° 37' 22"	07° 02' 41"
22/09/2025	19:56	-07° 48' 33"	265° 46' 17"	-12° 58' 41"	270° 38' 00"	07° 03' 09"
22/09/2025	19:57	-08° 03' 06"	265° 46' 29"	-13° 13' 37"	270° 38' 37"	07° 03' 37"
22/09/2025	19:58	-08° 17' 38"	265° 46' 41"	-13° 28' 32"	270° 39' 14"	07° 04' 06"
22/09/2025	19:59	-08° 32' 09"	265° 46' 53"	-13° 43' 28"	270° 39' 52"	07° 04' 34"
22/09/2025	20:00	-08° 46' 38"	265° 47' 05"	-13° 58' 24"	270° 40' 30"	07° 05' 03"
22/09/2025	20:01	-09° 01' 07"	265° 47' 17"	-14° 13' 20"	270° 41' 07"	07° 05' 31"
22/09/2025	20:02	-09° 15' 36"	265° 47' 28"	-14° 28' 17"	270° 41' 45"	07° 06' 00"
22/09/2025	20:03	-09° 30' 04"	265° 47' 39"	-14° 43' 13"	270° 42' 23"	07° 06' 28"
22/09/2025	20:04	-09° 44' 31"	265° 47' 49"	-14° 58' 09"	270° 43' 01"	07° 06' 57"
22/09/2025	20:05	-09° 58' 58"	265° 47' 59"	-15° 13' 05"	270° 43' 39"	07° 07' 26"
22/09/2025	20:06	-10° 13' 25"	265° 48' 10"	-15° 28' 02"	270° 44' 17"	07° 07' 54"
22/09/2025	20:07	-10° 27' 52"	265° 48' 19"	-15° 42' 58"	270° 44' 55"	07° 08' 23"
22/09/2025	20:08	-10° 42' 19"	265° 48' 29"	-15° 57' 55"	270° 45' 34"	07° 08' 52"

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