



JABATAN UKUR DAN PEMETAAN MALAYSIA (JUPEM)
Bahagian Ukur Geodetik



DATA RUKYAH MATAHARI DAN BULAN
Menara UMSKAL, W.P. Labuan
[5°16'43" U, 115°10'25" T, 40 m]
Terbias
Delta T 75.4 saat

Bulan Terbenam : 20:29:00			21/03/2026	Matahari Terbenam : 18:31:00		
Umur Hilal : 59j 06m				Ijtimak : 09:23 (2026-3-19)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
21/03/2026	17:31	40° 17' 40"	286° 39' 26"	13° 54' 10"	269° 00' 53"	30° 37' 09"
21/03/2026	17:32	40° 03' 42"	286° 37' 31"	13° 39' 18"	269° 02' 20"	30° 37' 33"
21/03/2026	17:33	39° 49' 43"	286° 35' 37"	13° 24' 26"	269° 03' 48"	30° 37' 56"
21/03/2026	17:34	39° 35' 44"	286° 33' 46"	13° 09' 34"	269° 05' 15"	30° 38' 20"
21/03/2026	17:35	39° 21' 45"	286° 31' 56"	12° 54' 43"	269° 06' 42"	30° 38' 43"
21/03/2026	17:36	39° 07' 46"	286° 30' 09"	12° 39' 52"	269° 08' 09"	30° 39' 07"
21/03/2026	17:37	38° 53' 47"	286° 28' 23"	12° 25' 00"	269° 09' 36"	30° 39' 30"
21/03/2026	17:38	38° 39' 47"	286° 26' 40"	12° 10' 10"	269° 11' 02"	30° 39' 54"
21/03/2026	17:39	38° 25' 48"	286° 24' 58"	11° 55' 19"	269° 12' 29"	30° 40' 17"
21/03/2026	17:40	38° 11' 49"	286° 23' 18"	11° 40' 28"	269° 13' 55"	30° 40' 41"
21/03/2026	17:41	37° 57' 50"	286° 21' 40"	11° 25' 38"	269° 15' 21"	30° 41' 05"
21/03/2026	17:42	37° 43' 50"	286° 20' 04"	11° 10' 48"	269° 16' 47"	30° 41' 28"
21/03/2026	17:43	37° 29' 51"	286° 18' 30"	10° 55' 58"	269° 18' 13"	30° 41' 52"
21/03/2026	17:44	37° 15' 52"	286° 16' 58"	10° 41' 08"	269° 19' 39"	30° 42' 16"
21/03/2026	17:45	37° 01' 52"	286° 15' 27"	10° 26' 19"	269° 21' 05"	30° 42' 40"
21/03/2026	17:46	36° 47' 53"	286° 13' 59"	10° 11' 30"	269° 22' 31"	30° 43' 04"
21/03/2026	17:47	36° 33' 53"	286° 12' 32"	09° 56' 41"	269° 23' 56"	30° 43' 28"
21/03/2026	17:48	36° 19' 54"	286° 11' 07"	09° 41' 52"	269° 25' 21"	30° 43' 52"
21/03/2026	17:49	36° 05' 54"	286° 09' 43"	09° 27' 04"	269° 26' 47"	30° 44' 16"
21/03/2026	17:50	35° 51' 55"	286° 08' 21"	09° 12' 16"	269° 28' 12"	30° 44' 40"
21/03/2026	17:51	35° 37' 55"	286° 07' 01"	08° 57' 29"	269° 29' 37"	30° 45' 04"
21/03/2026	17:52	35° 23' 56"	286° 05' 43"	08° 42' 42"	269° 31' 02"	30° 45' 28"
21/03/2026	17:53	35° 09' 56"	286° 04' 26"	08° 27' 55"	269° 32' 27"	30° 45' 52"
21/03/2026	17:54	34° 55' 56"	286° 03' 11"	08° 13' 09"	269° 33' 52"	30° 46' 16"
21/03/2026	17:55	34° 41' 57"	286° 01' 58"	07° 58' 24"	269° 35' 16"	30° 46' 41"
21/03/2026	17:56	34° 27' 57"	286° 00' 46"	07° 43' 39"	269° 36' 41"	30° 47' 05"
21/03/2026	17:57	34° 13' 58"	285° 59' 36"	07° 28' 55"	269° 38' 06"	30° 47' 29"
21/03/2026	17:58	33° 59' 58"	285° 58' 27"	07° 14' 11"	269° 39' 30"	30° 47' 54"
21/03/2026	17:59	33° 45' 58"	285° 57' 20"	06° 59' 28"	269° 40' 55"	30° 48' 18"
21/03/2026	18:00	33° 31' 59"	285° 56' 14"	06° 44' 46"	269° 42' 19"	30° 48' 43"
21/03/2026	18:01	33° 17' 59"	285° 55' 10"	06° 30' 04"	269° 43' 43"	30° 49' 07"

Sumber : Perisian AIMS JUPEM



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Umur Hilal : 59j 06m				Ijtimak : 09:23 (2026-3-19)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
21/03/2026	18:02	33° 04' 00"	285° 54' 08"	06° 15' 24"	269° 45' 08"	30° 49' 32"
21/03/2026	18:03	32° 50' 00"	285° 53' 07"	06° 00' 44"	269° 46' 32"	30° 49' 56"
21/03/2026	18:04	32° 36' 00"	285° 52' 07"	05° 46' 06"	269° 47' 56"	30° 50' 21"
21/03/2026	18:05	32° 22' 01"	285° 51' 09"	05° 31' 29"	269° 49' 20"	30° 50' 46"
21/03/2026	18:06	32° 08' 01"	285° 50' 13"	05° 16' 53"	269° 50' 44"	30° 51' 10"
21/03/2026	18:07	31° 54' 02"	285° 49' 18"	05° 02' 18"	269° 52' 08"	30° 51' 35"
21/03/2026	18:08	31° 40' 02"	285° 48' 24"	04° 47' 45"	269° 53' 32"	30° 52' 00"
21/03/2026	18:09	31° 26' 03"	285° 47' 32"	04° 33' 14"	269° 54' 56"	30° 52' 25"
21/03/2026	18:10	31° 12' 03"	285° 46' 41"	04° 18' 45"	269° 56' 20"	30° 52' 50"
21/03/2026	18:11	30° 58' 04"	285° 45' 52"	04° 04' 18"	269° 57' 44"	30° 53' 15"
21/03/2026	18:12	30° 44' 05"	285° 45' 03"	03° 49' 53"	269° 59' 08"	30° 53' 40"
21/03/2026	18:13	30° 30' 05"	285° 44' 17"	03° 35' 31"	270° 00' 31"	30° 54' 05"
21/03/2026	18:14	30° 16' 06"	285° 43' 32"	03° 21' 12"	270° 01' 55"	30° 54' 30"
21/03/2026	18:15	30° 02' 07"	285° 42' 48"	03° 06' 56"	270° 03' 19"	30° 54' 55"
21/03/2026	18:16	29° 48' 07"	285° 42' 05"	02° 52' 43"	270° 04' 43"	30° 55' 20"
21/03/2026	18:17	29° 34' 08"	285° 41' 24"	02° 38' 35"	270° 06' 06"	30° 55' 45"
21/03/2026	18:18	29° 20' 09"	285° 40' 44"	02° 24' 32"	270° 07' 30"	30° 56' 10"
21/03/2026	18:19	29° 06' 10"	285° 40' 05"	02° 10' 34"	270° 08' 54"	30° 56' 36"
21/03/2026	18:20	28° 52' 11"	285° 39' 28"	01° 56' 42"	270° 10' 18"	30° 57' 01"
21/03/2026	18:21	28° 38' 12"	285° 38' 52"	01° 42' 57"	270° 11' 41"	30° 57' 26"
21/03/2026	18:22	28° 24' 13"	285° 38' 17"	01° 29' 19"	270° 13' 05"	30° 57' 52"
21/03/2026	18:23	28° 10' 14"	285° 37' 44"	01° 15' 50"	270° 14' 29"	30° 58' 17"
21/03/2026	18:24	27° 56' 15"	285° 37' 12"	01° 02' 31"	270° 15' 52"	30° 58' 43"
21/03/2026	18:25	27° 42' 16"	285° 36' 41"	00° 49' 21"	270° 17' 16"	30° 59' 08"
21/03/2026	18:26	27° 28' 17"	285° 36' 11"	00° 36' 23"	270° 18' 40"	30° 59' 34"
21/03/2026	18:27	27° 14' 18"	285° 35' 43"	00° 23' 36"	270° 20' 04"	31° 00' 00"
21/03/2026	18:28	27° 00' 20"	285° 35' 16"	00° 11' 00"	270° 21' 28"	31° 00' 25"
21/03/2026	18:29	26° 46' 21"	285° 34' 50"	-00° 01' 28"	270° 22' 51"	31° 00' 51"
21/03/2026	18:30	26° 32' 22"	285° 34' 25"	-00° 13' 50"	270° 24' 15"	31° 01' 17"
21/03/2026	18:31	26° 18' 24"	285° 34' 01"	-00° 26' 16"	270° 25' 39"	31° 01' 43"
21/03/2026	18:32	26° 04' 25"	285° 33' 39"	-00° 38' 57"	270° 27' 03"	31° 02' 09"

Sumber : Perisian AIMS JUPEM



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Umur Hilal : 59j 06m				Ijtimak : 09:23 (2026-3-19)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
21/03/2026	18:33	25° 50' 27"	285° 33' 18"	-00° 52' 10"	270° 28' 27"	31° 02' 35"
21/03/2026	18:34	25° 36' 29"	285° 32' 58"	-01° 06' 15"	270° 29' 51"	31° 03' 01"
21/03/2026	18:35	25° 22' 30"	285° 32' 39"	-01° 21' 36"	270° 31' 15"	31° 03' 27"
21/03/2026	18:36	25° 08' 32"	285° 32' 21"	-01° 38' 25"	270° 32' 39"	31° 03' 53"
21/03/2026	18:37	24° 54' 34"	285° 32' 05"	-01° 56' 45"	270° 34' 04"	31° 04' 19"
21/03/2026	18:38	24° 40' 36"	285° 31' 50"	-02° 16' 17"	270° 35' 28"	31° 04' 45"
21/03/2026	18:39	24° 26' 38"	285° 31' 35"	-02° 36' 33"	270° 36' 52"	31° 05' 11"
21/03/2026	18:40	24° 12' 41"	285° 31' 22"	-02° 56' 59"	270° 38' 16"	31° 05' 38"
21/03/2026	18:41	23° 58' 43"	285° 31' 10"	-03° 17' 08"	270° 39' 41"	31° 06' 04"
21/03/2026	18:42	23° 44' 45"	285° 31' 00"	-03° 36' 42"	270° 41' 05"	31° 06' 30"
21/03/2026	18:43	23° 30' 48"	285° 30' 50"	-03° 55' 36"	270° 42' 30"	31° 06' 57"
21/03/2026	18:44	23° 16' 50"	285° 30' 41"	-04° 13' 48"	270° 43' 55"	31° 07' 23"
21/03/2026	18:45	23° 02' 53"	285° 30' 34"	-04° 31' 24"	270° 45' 19"	31° 07' 50"
21/03/2026	18:46	22° 48' 55"	285° 30' 28"	-04° 48' 32"	270° 46' 44"	31° 08' 16"
21/03/2026	18:47	22° 34' 58"	285° 30' 22"	-05° 03' 37"	270° 48' 09"	31° 08' 43"
21/03/2026	18:48	22° 21' 01"	285° 30' 18"	-05° 20' 48"	270° 49' 34"	31° 09' 10"
21/03/2026	18:49	22° 07' 04"	285° 30' 15"	-05° 36' 54"	270° 50' 59"	31° 09' 36"
21/03/2026	18:50	21° 53' 07"	285° 30' 13"	-05° 52' 39"	270° 52' 24"	31° 10' 03"
21/03/2026	18:51	21° 39' 10"	285° 30' 12"	-06° 08' 12"	270° 53' 49"	31° 10' 30"
21/03/2026	18:52	21° 25' 14"	285° 30' 12"	-06° 23' 36"	270° 55' 15"	31° 10' 57"
21/03/2026	18:53	21° 11' 17"	285° 30' 13"	-06° 38' 53"	270° 56' 40"	31° 11' 24"
21/03/2026	18:54	20° 57' 21"	285° 30' 16"	-06° 54' 05"	270° 58' 06"	31° 11' 51"
21/03/2026	18:55	20° 43' 24"	285° 30' 19"	-07° 09' 13"	270° 59' 31"	31° 12' 18"
21/03/2026	18:56	20° 29' 28"	285° 30' 23"	-07° 24' 17"	271° 00' 57"	31° 12' 45"
21/03/2026	18:57	20° 15' 32"	285° 30' 29"	-07° 39' 19"	271° 02' 23"	31° 13' 12"
21/03/2026	18:58	20° 01' 36"	285° 30' 35"	-07° 54' 19"	271° 03' 49"	31° 13' 39"
21/03/2026	18:59	19° 47' 40"	285° 30' 43"	-08° 09' 17"	271° 05' 15"	31° 14' 06"
21/03/2026	19:00	19° 33' 44"	285° 30' 51"	-08° 24' 13"	271° 06' 42"	31° 14' 33"
21/03/2026	19:01	19° 19' 49"	285° 31' 01"	-08° 39' 09"	271° 08' 08"	31° 15' 01"
21/03/2026	19:02	19° 05' 53"	285° 31' 11"	-08° 54' 04"	271° 09' 35"	31° 15' 28"
21/03/2026	19:03	18° 51' 58"	285° 31' 23"	-09° 08' 58"	271° 11' 01"	31° 15' 56"

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Menara UMSKAL, W.P. Labuan
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Bulan Terbenam : 20:29:00			21/03/2026	Matahari Terbenam : 18:31:00		
Umur Hilal : 59j 06m				Ijtimak : 09:23 (2026-3-19)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
21/03/2026	19:04	18° 38' 03"	285° 31' 35"	-09° 23' 51"	271° 12' 28"	31° 16' 23"
21/03/2026	19:05	18° 24' 08"	285° 31' 49"	-09° 38' 45"	271° 13' 55"	31° 16' 51"
21/03/2026	19:06	18° 10' 13"	285° 32' 03"	-09° 53' 38"	271° 15' 22"	31° 17' 18"
21/03/2026	19:07	17° 56' 18"	285° 32' 19"	-10° 08' 30"	271° 16' 50"	31° 17' 46"
21/03/2026	19:08	17° 42' 23"	285° 32' 35"	-10° 23' 23"	271° 18' 17"	31° 18' 13"
21/03/2026	19:09	17° 28' 29"	285° 32' 53"	-10° 38' 15"	271° 19' 45"	31° 18' 41"
21/03/2026	19:10	17° 14' 35"	285° 33' 12"	-10° 53' 07"	271° 21' 12"	31° 19' 09"
21/03/2026	19:11	17° 00' 40"	285° 33' 31"	-11° 07' 59"	271° 22' 40"	31° 19' 37"
21/03/2026	19:12	16° 46' 46"	285° 33' 52"	-11° 22' 52"	271° 24' 08"	31° 20' 05"
21/03/2026	19:13	16° 32' 53"	285° 34' 13"	-11° 37' 44"	271° 25' 37"	31° 20' 32"
21/03/2026	19:14	16° 18' 59"	285° 34' 36"	-11° 52' 36"	271° 27' 05"	31° 21' 00"
21/03/2026	19:15	16° 05' 05"	285° 34' 59"	-12° 07' 28"	271° 28' 34"	31° 21' 28"
21/03/2026	19:16	15° 51' 12"	285° 35' 24"	-12° 22' 20"	271° 30' 03"	31° 21' 57"
21/03/2026	19:17	15° 37' 19"	285° 35' 49"	-12° 37' 12"	271° 31' 32"	31° 22' 25"
21/03/2026	19:18	15° 23' 26"	285° 36' 16"	-12° 52' 05"	271° 33' 01"	31° 22' 53"
21/03/2026	19:19	15° 09' 33"	285° 36' 43"	-13° 06' 57"	271° 34' 30"	31° 23' 21"
21/03/2026	19:20	14° 55' 41"	285° 37' 11"	-13° 21' 49"	271° 36' 00"	31° 23' 49"
21/03/2026	19:21	14° 41' 49"	285° 37' 41"	-13° 36' 42"	271° 37' 30"	31° 24' 18"
21/03/2026	19:22	14° 27' 57"	285° 38' 11"	-13° 51' 34"	271° 39' 00"	31° 24' 46"
21/03/2026	19:23	14° 14' 05"	285° 38' 42"	-14° 06' 27"	271° 40' 30"	31° 25' 15"
21/03/2026	19:24	14° 00' 13"	285° 39' 14"	-14° 21' 19"	271° 42' 01"	31° 25' 43"
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21/03/2026	19:27	13° 18' 39"	285° 40' 56"	-15° 05' 57"	271° 46' 34"	31° 27' 09"
21/03/2026	19:28	13° 04' 49"	285° 41' 32"	-15° 20' 50"	271° 48' 05"	31° 27' 38"
21/03/2026	19:29	12° 50' 58"	285° 42' 09"	-15° 35' 43"	271° 49' 37"	31° 28' 06"
21/03/2026	19:30	12° 37' 08"	285° 42' 47"	-15° 50' 35"	271° 51' 09"	31° 28' 35"
21/03/2026	19:31	12° 23' 18"	285° 43' 26"	-16° 05' 28"	271° 52' 41"	31° 29' 04"

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