



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 : 20:01:00			11/12/2026	Matahari Terbenam : 18:08:00		
Umur Hilal : 59j 09m				Ijtimak : 08:52 (2026-12-9)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
11/12/2026	17:08	35° 06' 09"	232° 52' 19"	12° 41' 32"	244° 58' 40"	24° 59' 18"
11/12/2026	17:09	34° 54' 35"	233° 00' 00"	12° 28' 04"	245° 01' 27"	24° 59' 35"
11/12/2026	17:10	34° 42' 59"	233° 07' 38"	12° 14' 37"	245° 04' 12"	24° 59' 52"
11/12/2026	17:11	34° 31' 22"	233° 15' 12"	12° 01' 09"	245° 06' 55"	25° 00' 09"
11/12/2026	17:12	34° 19' 44"	233° 22' 42"	11° 47' 41"	245° 09' 36"	25° 00' 26"
11/12/2026	17:13	34° 08' 05"	233° 30' 09"	11° 34' 13"	245° 12' 16"	25° 00' 43"
11/12/2026	17:14	33° 56' 25"	233° 37' 32"	11° 20' 45"	245° 14' 54"	25° 01' 00"
11/12/2026	17:15	33° 44' 43"	233° 44' 51"	11° 07' 17"	245° 17' 31"	25° 01' 17"
11/12/2026	17:16	33° 33' 01"	233° 52' 07"	10° 53' 48"	245° 20' 05"	25° 01' 34"
11/12/2026	17:17	33° 21' 18"	233° 59' 19"	10° 40' 20"	245° 22' 39"	25° 01' 51"
11/12/2026	17:18	33° 09' 33"	234° 06' 28"	10° 26' 52"	245° 25' 10"	25° 02' 09"
11/12/2026	17:19	32° 57' 48"	234° 13' 34"	10° 13' 23"	245° 27' 40"	25° 02' 26"
11/12/2026	17:20	32° 46' 01"	234° 20' 36"	09° 59' 55"	245° 30' 08"	25° 02' 43"
11/12/2026	17:21	32° 34' 14"	234° 27' 34"	09° 46' 26"	245° 32' 35"	25° 03' 01"
11/12/2026	17:22	32° 22' 25"	234° 34' 29"	09° 32' 58"	245° 35' 00"	25° 03' 18"
11/12/2026	17:23	32° 10' 36"	234° 41' 21"	09° 19' 29"	245° 37' 23"	25° 03' 36"
11/12/2026	17:24	31° 58' 45"	234° 48' 09"	09° 06' 01"	245° 39' 45"	25° 03' 53"
11/12/2026	17:25	31° 46' 54"	234° 54' 54"	08° 52' 33"	245° 42' 06"	25° 04' 11"
11/12/2026	17:26	31° 35' 01"	235° 01' 36"	08° 39' 05"	245° 44' 24"	25° 04' 29"
11/12/2026	17:27	31° 23' 08"	235° 08' 14"	08° 25' 37"	245° 46' 41"	25° 04' 46"
11/12/2026	17:28	31° 11' 14"	235° 14' 50"	08° 12' 09"	245° 48' 57"	25° 05' 04"
11/12/2026	17:29	30° 59' 18"	235° 21' 22"	07° 58' 41"	245° 51' 11"	25° 05' 22"
11/12/2026	17:30	30° 47' 22"	235° 27' 51"	07° 45' 14"	245° 53' 23"	25° 05' 40"
11/12/2026	17:31	30° 35' 25"	235° 34' 16"	07° 31' 47"	245° 55' 34"	25° 05' 58"
11/12/2026	17:32	30° 23' 27"	235° 40' 39"	07° 18' 20"	245° 57' 44"	25° 06' 15"
11/12/2026	17:33	30° 11' 29"	235° 46' 58"	07° 04' 54"	245° 59' 51"	25° 06' 33"
11/12/2026	17:34	29° 59' 29"	235° 53' 15"	06° 51' 28"	246° 01' 58"	25° 06' 52"
11/12/2026	17:35	29° 47' 28"	235° 59' 28"	06° 38' 02"	246° 04' 02"	25° 07' 10"
11/12/2026	17:36	29° 35' 27"	236° 05' 39"	06° 24' 37"	246° 06' 06"	25° 07' 28"
11/12/2026	17:37	29° 23' 25"	236° 11' 46"	06° 11' 12"	246° 08' 07"	25° 07' 46"
11/12/2026	17:38	29° 11' 22"	236° 17' 50"	05° 57' 49"	246° 10' 08"	25° 08' 04"

Sumber : Perisian AIMS JUPEM



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Umur Hilal : 59j 09m				Ijtimak : 08:52 (2026-12-9)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
11/12/2026	17:39	28° 59' 18"	236° 23' 51"	05° 44' 25"	246° 12' 06"	25° 08' 22"
11/12/2026	17:40	28° 47' 13"	236° 29' 50"	05° 31' 03"	246° 14' 03"	25° 08' 41"
11/12/2026	17:41	28° 35' 08"	236° 35' 45"	05° 17' 42"	246° 15' 59"	25° 08' 59"
11/12/2026	17:42	28° 23' 02"	236° 41' 38"	05° 04' 21"	246° 17' 53"	25° 09' 18"
11/12/2026	17:43	28° 10' 55"	236° 47' 28"	04° 51' 02"	246° 19' 46"	25° 09' 36"
11/12/2026	17:44	27° 58' 47"	236° 53' 14"	04° 37' 44"	246° 21' 38"	25° 09' 55"
11/12/2026	17:45	27° 46' 38"	236° 58' 59"	04° 24' 27"	246° 23' 27"	25° 10' 13"
11/12/2026	17:46	27° 34' 29"	237° 04' 40"	04° 11' 12"	246° 25' 16"	25° 10' 32"
11/12/2026	17:47	27° 22' 19"	237° 10' 18"	03° 57' 58"	246° 27' 03"	25° 10' 50"
11/12/2026	17:48	27° 10' 08"	237° 15' 54"	03° 44' 46"	246° 28' 48"	25° 11' 09"
11/12/2026	17:49	26° 57' 57"	237° 21' 27"	03° 31' 37"	246° 30' 32"	25° 11' 28"
11/12/2026	17:50	26° 45' 44"	237° 26' 57"	03° 18' 30"	246° 32' 14"	25° 11' 47"
11/12/2026	17:51	26° 33' 31"	237° 32' 24"	03° 05' 25"	246° 33' 56"	25° 12' 06"
11/12/2026	17:52	26° 21' 18"	237° 37' 49"	02° 52' 24"	246° 35' 35"	25° 12' 25"
11/12/2026	17:53	26° 09' 03"	237° 43' 11"	02° 39' 26"	246° 37' 13"	25° 12' 44"
11/12/2026	17:54	25° 56' 48"	237° 48' 31"	02° 26' 32"	246° 38' 50"	25° 13' 03"
11/12/2026	17:55	25° 44' 33"	237° 53' 48"	02° 13' 42"	246° 40' 25"	25° 13' 22"
11/12/2026	17:56	25° 32' 16"	237° 59' 02"	02° 00' 56"	246° 41' 59"	25° 13' 41"
11/12/2026	17:57	25° 19' 59"	238° 04' 14"	01° 48' 16"	246° 43' 32"	25° 14' 00"
11/12/2026	17:58	25° 07' 42"	238° 09' 23"	01° 35' 42"	246° 45' 03"	25° 14' 19"
11/12/2026	17:59	24° 55' 23"	238° 14' 29"	01° 23' 15"	246° 46' 32"	25° 14' 39"
11/12/2026	18:00	24° 43' 04"	238° 19' 34"	01° 10' 55"	246° 48' 01"	25° 14' 58"
11/12/2026	18:01	24° 30' 45"	238° 24' 35"	00° 58' 43"	246° 49' 27"	25° 15' 17"
11/12/2026	18:02	24° 18' 24"	238° 29' 34"	00° 46' 41"	246° 50' 53"	25° 15' 37"
11/12/2026	18:03	24° 06' 04"	238° 34' 31"	00° 34' 47"	246° 52' 17"	25° 15' 56"
11/12/2026	18:04	23° 53' 42"	238° 39' 25"	00° 23' 03"	246° 53' 39"	25° 16' 16"
11/12/2026	18:05	23° 41' 20"	238° 44' 16"	00° 11' 27"	246° 55' 00"	25° 16' 35"
11/12/2026	18:06	23° 28' 58"	238° 49' 06"	-00° 00' 01"	246° 56' 20"	25° 16' 55"
11/12/2026	18:07	23° 16' 34"	238° 53' 53"	-00° 11' 24"	246° 57' 39"	25° 17' 15"
11/12/2026	18:08	23° 04' 11"	238° 58' 37"	-00° 22' 49"	246° 58' 56"	25° 17' 34"
11/12/2026	18:09	22° 51' 46"	239° 03' 19"	-00° 34' 23"	247° 00' 11"	25° 17' 54"

Sumber : Perisian AIMS JUPEM



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Umur Hilal : 59j 09m				Ijtimak : 08:52 (2026-12-9)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
11/12/2026	18:10	22° 39' 21"	239° 07' 59"	-00° 46' 18"	247° 01' 25"	25° 18' 14"
11/12/2026	18:11	22° 26' 56"	239° 12' 36"	-00° 58' 51"	247° 02' 38"	25° 18' 34"
11/12/2026	18:12	22° 14' 30"	239° 17' 11"	-01° 12' 18"	247° 03' 49"	25° 18' 54"
11/12/2026	18:13	22° 02' 03"	239° 21' 44"	-01° 26' 54"	247° 04' 59"	25° 19' 14"
11/12/2026	18:14	21° 49' 36"	239° 26' 15"	-01° 42' 48"	247° 06' 08"	25° 19' 34"
11/12/2026	18:15	21° 37' 09"	239° 30' 43"	-01° 59' 56"	247° 07' 15"	25° 19' 54"
11/12/2026	18:16	21° 24' 41"	239° 35' 09"	-02° 18' 02"	247° 08' 21"	25° 20' 14"
11/12/2026	18:17	21° 12' 12"	239° 39' 32"	-02° 36' 44"	247° 09' 26"	25° 20' 35"
11/12/2026	18:18	20° 59' 43"	239° 43' 54"	-02° 55' 33"	247° 10' 29"	25° 20' 55"
11/12/2026	18:19	20° 47' 13"	239° 48' 13"	-03° 14' 10"	247° 11' 30"	25° 21' 15"
11/12/2026	18:20	20° 34' 43"	239° 52' 30"	-03° 32' 19"	247° 12' 31"	25° 21' 36"
11/12/2026	18:21	20° 22' 13"	239° 56' 45"	-03° 49' 55"	247° 13' 30"	25° 21' 56"
11/12/2026	18:22	20° 09' 42"	240° 00' 58"	-04° 06' 54"	247° 14' 27"	25° 22' 17"
11/12/2026	18:23	19° 57' 10"	240° 05' 08"	-04° 23' 21"	247° 15' 23"	25° 22' 37"
11/12/2026	18:24	19° 44' 38"	240° 09' 17"	-04° 39' 20"	247° 16' 18"	25° 22' 58"
11/12/2026	18:25	19° 32' 06"	240° 13' 23"	-04° 55' 03"	247° 17' 12"	25° 23' 19"
11/12/2026	18:26	19° 19' 33"	240° 17' 27"	-05° 11' 21"	247° 18' 04"	25° 23' 39"
11/12/2026	18:27	19° 06' 59"	240° 21' 29"	-05° 24' 31"	247° 18' 54"	25° 24' 00"
11/12/2026	18:28	18° 54' 26"	240° 25' 29"	-05° 39' 16"	247° 19' 43"	25° 24' 21"
11/12/2026	18:29	18° 41' 52"	240° 29' 27"	-05° 53' 47"	247° 20' 31"	25° 24' 42"
11/12/2026	18:30	18° 29' 17"	240° 33' 23"	-06° 08' 07"	247° 21' 18"	25° 25' 03"
11/12/2026	18:31	18° 16' 42"	240° 37' 17"	-06° 22' 20"	247° 22' 03"	25° 25' 24"
11/12/2026	18:32	18° 04' 07"	240° 41' 08"	-06° 36' 27"	247° 22' 47"	25° 25' 45"
11/12/2026	18:33	17° 51' 31"	240° 44' 58"	-06° 50' 30"	247° 23' 29"	25° 26' 06"
11/12/2026	18:34	17° 38' 54"	240° 48' 46"	-07° 04' 28"	247° 24' 10"	25° 26' 27"
11/12/2026	18:35	17° 26' 18"	240° 52' 32"	-07° 18' 24"	247° 24' 50"	25° 26' 48"
11/12/2026	18:36	17° 13' 41"	240° 56' 15"	-07° 32' 18"	247° 25' 28"	25° 27' 10"
11/12/2026	18:37	17° 01' 04"	240° 59' 57"	-07° 46' 09"	247° 26' 05"	25° 27' 31"
11/12/2026	18:38	16° 48' 26"	241° 03' 37"	-07° 59' 59"	247° 26' 40"	25° 27' 52"
11/12/2026	18:39	16° 35' 48"	241° 07' 15"	-08° 13' 48"	247° 27' 15"	25° 28' 14"
11/12/2026	18:40	16° 23' 09"	241° 10' 51"	-08° 27' 35"	247° 27' 47"	25° 28' 35"

Sumber : Perisian AIMS JUPEM



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Menara UMSKAL, W.P. Labuan
[5°16'43" U, 115°10'25" T, 40 m]
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Bulan Terbenam : 20:01:00			11/12/2026	Matahari Terbenam : 18:08:00		
Umur Hilal : 59j 09m				Ijtimak : 08:52 (2026-12-9)		
Tarikh	Waktu	Altitud Bulan	Azimuth Bulan	Altitud MH	Azimuth MH	Jarak Lengkung
11/12/2026	18:41	16° 10' 31"	241° 14' 25"	-08° 41' 22"	247° 28' 19"	25° 28' 57"
11/12/2026	18:42	15° 57' 52"	241° 17' 57"	-08° 55' 08"	247° 28' 48"	25° 29' 18"
11/12/2026	18:43	15° 45' 12"	241° 21' 27"	-09° 08' 54"	247° 29' 17"	25° 29' 40"
11/12/2026	18:44	15° 32' 32"	241° 24' 55"	-09° 22' 40"	247° 29' 44"	25° 30' 02"
11/12/2026	18:45	15° 19' 52"	241° 28' 22"	-09° 36' 25"	247° 30' 10"	25° 30' 24"
11/12/2026	18:46	15° 07' 12"	241° 31' 46"	-09° 50' 10"	247° 30' 34"	25° 30' 45"
11/12/2026	18:47	14° 54' 31"	241° 35' 09"	-10° 03' 54"	247° 30' 57"	25° 31' 07"
11/12/2026	18:48	14° 41' 50"	241° 38' 29"	-10° 17' 39"	247° 31' 19"	25° 31' 29"
11/12/2026	18:49	14° 29' 09"	241° 41' 48"	-10° 31' 23"	247° 31' 39"	25° 31' 51"
11/12/2026	18:50	14° 16' 28"	241° 45' 06"	-10° 45' 08"	247° 31' 58"	25° 32' 13"
11/12/2026	18:51	14° 03' 46"	241° 48' 21"	-10° 58' 52"	247° 32' 15"	25° 32' 36"
11/12/2026	18:52	13° 51' 04"	241° 51' 34"	-11° 12' 37"	247° 32' 31"	25° 32' 58"
11/12/2026	18:53	13° 38' 21"	241° 54' 46"	-11° 26' 21"	247° 32' 45"	25° 33' 20"
11/12/2026	18:54	13° 25' 39"	241° 57' 56"	-11° 40' 05"	247° 32' 58"	25° 33' 42"
11/12/2026	18:55	13° 12' 56"	242° 01' 04"	-11° 53' 50"	247° 33' 10"	25° 34' 05"
11/12/2026	18:56	13° 00' 13"	242° 04' 10"	-12° 07' 34"	247° 33' 20"	25° 34' 27"
11/12/2026	18:57	12° 47' 30"	242° 07' 15"	-12° 21' 19"	247° 33' 29"	25° 34' 49"
11/12/2026	18:58	12° 34' 47"	242° 10' 18"	-12° 35' 03"	247° 33' 36"	25° 35' 12"
11/12/2026	18:59	12° 22' 03"	242° 13' 19"	-12° 48' 48"	247° 33' 42"	25° 35' 35"
11/12/2026	19:00	12° 09' 19"	242° 16' 18"	-13° 02' 33"	247° 33' 47"	25° 35' 57"
11/12/2026	19:01	11° 56' 35"	242° 19' 16"	-13° 16' 17"	247° 33' 50"	25° 36' 20"
11/12/2026	19:02	11° 43' 51"	242° 22' 12"	-13° 30' 02"	247° 33' 51"	25° 36' 43"
11/12/2026	19:03	11° 31' 07"	242° 25' 06"	-13° 43' 47"	247° 33' 52"	25° 37' 06"
11/12/2026	19:04	11° 18' 22"	242° 27' 58"	-13° 57' 32"	247° 33' 50"	25° 37' 28"
11/12/2026	19:05	11° 05' 38"	242° 30' 49"	-14° 11' 17"	247° 33' 48"	25° 37' 51"
11/12/2026	19:06	10° 52' 53"	242° 33' 38"	-14° 25' 02"	247° 33' 43"	25° 38' 14"
11/12/2026	19:07	10° 40' 08"	242° 36' 25"	-14° 38' 47"	247° 33' 38"	25° 38' 37"
11/12/2026	19:08	10° 27' 24"	242° 39' 11"	-14° 52' 32"	247° 33' 31"	25° 39' 00"

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