



**JABATAN UKUR DAN PEMETAAN MALAYSIA (JUPEM)**  
Bahagian Ukur Geodetik



**DATA RUKYAH MATAHARI DAN BULAN**  
**PICC, Putrajaya**  
**[ 2°53'40" U, 101°40'36" T, 80 m ]**  
**Terbias**  
**Delta T 74.5 saat**

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

Sumber : Perisian AIMS JUPEM



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

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

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

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