

THE GOVERNMENT OF THE PHILIPPINE ISLANDS
DEPARTMENT OF AGRICULTURE AND COMMERCE
WEATHER BUREAU

ASTRONOMICAL DATA FOR JANUARY, 1934

- Sunrise and Sunset -

Jan.	Rises	Sets	Jan.	Rises	Sets	Jan.	Rises	Sets
1-	6:22 a.m.	5:37 p.m.	11-	6:25 a.m.	5:43 p.m.	21-	6:26 a.m.	5:49 p.m.
6-	6:23 a.m.	5:40 p.m.	16-	6:26 a.m.	5:46 p.m.	26-	6:26 a.m.	5:51 p.m.
						31-	6:25 a.m.	5:54 p.m.

- Moonrise and Moonset -

Jan.	Rises	Sets	Jan.	Rises	Sets	Jan.	Rises	Sets
1-	5:58 p.m.	6:33 a.m.	11-	1:37 a.m.	1:13 p.m.	21-	10:32 a.m.	11:18 p.m.
2-	6:50 p.m.	7:19 a.m.	12-	2:40 a.m.	2:09 p.m.	22-	11:11 a.m.
3-	7:40 p.m.	8:01 a.m.	13-	3:47 a.m.	3:12 p.m.	23-	11:51 a.m.	0:10 a.m.
4-	8:30 p.m.	8:40 a.m.	14-	4:53 a.m.	4:19 p.m.	24-	0:34 p.m.	1:03 a.m.
5-	9:18 p.m.	9:16 a.m.	15-	5:57 a.m.	5:29 p.m.	25-	1:20 p.m.	1:55 a.m.
6-	10:06 p.m.	9:52 a.m.	16-	6:55 a.m.	6:35 p.m.	26-	2:09 p.m.	2:48 a.m.
7-	10:54 p.m.	10:27 a.m.	17-	7:46 a.m.	7:38 p.m.	27-	3:01 p.m.	3:40 a.m.
8-	11:45 p.m.	11:04 a.m.	18-	8:32 a.m.	8:38 p.m.	28-	3:53 p.m.	4:30 a.m.
9-	11:42 a.m.	19-	9:14 a.m.	9:33 p.m.	29-	4:45 p.m.	5:17 a.m.
10-	0:39 a.m.	0:25 p.m.	20-	9:53 a.m.	10:26 p.m.	30-	5:36 p.m.	6:00 a.m.
						31-	6:26 p.m.	6:40 a.m.

- Phases of the Moon -

Full Moon	on the 1st at	4:54 a.m.	First Quarter	on the 22nd at	7:50 p.m.
Last Quarter	on the 9th at	5:36 a.m.	Full Moon	on the 31st at	0:31 a.m.
New Moon	on the 15th at	9:37 p.m.	Perigee	on the 15th at	9:12 a.m.
			Apogee	on the 28th at	3:00 a.m.

- ECLIPSE -

On January 30th there will be a partial eclipse of the moon beginning at 10:07 p.m. and ending at 3:17 a.m. on the 31st. The eclipse will cover about one-tenth of the moon's surface.

- The Planets for the 15th -

MERCURY rises at 6:19 a.m. and sets at 5:27 p.m. The planet is too near to the sun for observation.

VENUS rises at 8:10 a.m. and sets at 7:48 p.m. It is a brilliant evening star very prominent in the western sky immediately after sundown.

MARS rises at 7:47 a.m. and sets at 7:09 p.m. The planet will be about fifteen degrees above the western horizon at sundown and in the constellation Aquarius.

JUPITER rises at 11:53 p.m. on the 14th and sets at 11:37 a.m. on the 15th. It is in an excellent position for early morning observation. Just before sunrise it may be found nearly overhead near Spica in the constellation Virgo.

SATURN rises at 7:54 a.m. and sets at 7:16 p.m. The planet is about to leave the evening sky. It may be found very low in the west just after sundown.

- Principal Bright Stars for 9:00 p.m. -

North of the Zenith

Regulus in Leo

Capella in Auriga

South of the Zenith

Sirius in Canis Major

Procyon in Canis Minor