

Telling Time by Moon Shadows



Instructions

First, determine the number of days the moon is from being full by looking at its phase or by consulting a calendar.

Then add the Time Correction if the moon is waning (after a full moon) or subtract the Time Correction if the moon is waxing (before a full moon).

Then correct this time value using The Equation of Time Graph.

Note: Time readings may be off by as much as 45 minutes.

PHASE (AGE) OF THE MOON	F					$\frac{3}{4}$			$\frac{1}{2}$				$\frac{1}{4}$	
DAYS FROM FULL	0	1	2	3	4	5	6	7	8	9	10	11	12	
ADJUST THE TIME *	HRS. MIN.	0: 00	0: 48	1: 36	2: 24	3: 12	4: 00	4: 48	5: 36	6: 24	7: 12	8: 00	8: 48	9: 36

* ADD IF WANING OR SUBTRACT IF WAXING