

# Moon phases

| Phase           | What you see                           | Rises around | Best for                            |
|-----------------|----------------------------------------|--------------|-------------------------------------|
| New moon        | Nothing                                | Sunrise      | Faint stars, Milky Way              |
| Waxing crescent | Thin crescent in the west after sunset | Mid-morning  | Earthshine                          |
| First quarter   | Half lit (right side, N hemisphere)    | Noon         | Craters along the terminator        |
| Full moon       | Fully lit                              | Sunset       | Moonlit walks; poor for faint stars |
| Last quarter    | Half lit (left side, N hemisphere)     | Midnight     | Morning viewing                     |