

### Explanation of Weather Table.

It will be seen from the table, 1st. That the nearer the time of the Moon's change, First Quarter, Full and Last Quarter, is to *Midnight*, the fairer will the weather be during the seven days following; the space for this calculation occupies from ten at night till two next morning.

2.—That the nearer to *Mid-day*, or *Noon*, these phases of the Moon happen, the more foul or wet the weather may be expected during the next seven days; the space for this calculation occupies from ten in the forenoon to two in the afternoon. These observations refer principally to summer, though they effect spring and autumn to a considerable extent.

3.—That the Moon's Change, First Quarter, Full, and Last Quarter, happening during six of the afternoon hours, *i. e.* from four to ten, may be followed by fair weather; but this is mostly dependent on the *wind*, as it is noted in the table.

Though the weather is more uncertain in the latter part of autumn, the whole of winter, and the beginning of spring; yet in the main, the above observations will apply to these periods also.

### Explanation of Calendar Pages.

At the head of the respective pages for each month are given the ordinary tables of the changes and quadratures of the Moon. The 1st and 2nd columns show the mean times of the rising and setting of the Sun. The quantities are only set down to the nearest minute, the uncertainty of the observed times of the rising or setting of heavenly bodies on land, caused by the varying amount of horizontal refraction and the general liability to the intervention of terrestrial objects in such observations, renders a closer approximation unnecessary for ordinary practical purposes. The 3rd column contains the mean times of the rising or setting of the Moon. The quantities are only set down to the nearest minute, for the reasons mentioned above in respect to the Sun.

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