



太陽周年路徑圖
Paths of the Sun throughout the Year

	日出 Sunrise	上中天 Transit	日落 Sunset	
春分 Vernal Equinox 20/3	90 -1	180 68	270 -1	方位角 Azimuth 仰角 Altitude
夏至 Summer Solstice 21/6	64 -1	360 89	296 -1	方位角 Azimuth 仰角 Altitude
秋分 Autumnal Equinox 23/9	90 -1	180 68	270 -1	方位角 Azimuth 仰角 Altitude
冬至 Winter Solstice 22/12	115 -1	180 44	245 -1	方位角 Azimuth 仰角 Altitude

單位：度 Unit: degrees

上述位置以日面之圓心為準。日出、日落時之仰角約為負一度，實包含了日面視半徑及大氣折射的影響。
The above positions refer to the centre of the Sun's disc. The minus one degree in altitude at sunrise and sunset includes both the apparent radius of the Sun and the effect of atmospheric refraction.

二分點

EQUINOXES

春分點— 3月20日19時02分 | 太陽直射
秋分點— 9月23日04時44分 | 赤道

Vernal — 1902 March 20 | The Sun is directly
Autumnal — 0444 September 23 | overhead at the Equator.

二至點

SOLSTICES

夏至點— 6月21日13時04分 太陽直射北回歸線

Summer— 1304 June 21 The Sun is directly overhead at the Tropic of Cancer.

冬至點— 12月22日01時11分 太陽直射南回歸線

Winter — 0111 December 22 The Sun is directly overhead at the Tropic of Capricorn.

太陽在6月3日12時21分及7月9日12時29分最接近香港天頂。

The Sun is nearest to being directly overhead at Hong Kong at 1221 on June 3 and again at 1229 on July 9.