

DIFFERENCE OF TIME.

When it is twelve o'clock high noon at New York, the time is as follows at the stated places:—

	A. M.
Buffalo	11 56 32
Charlestown	11 39 40
Cincinnati	11 16 18
New Orleans	10 55 40
Philadelphia	11 55 22
Salt Lake City	9 27 40
Oregon City	8 46 50
Honolulu, Sandwich Islands	6 24 07
	P. M.
London, England	4 55 42
Montreal	12 10 44
Sebastopol	7 10 28
St. Petersburg	6 57 20
Jerusalem	7 17 24
Edinburgh	4 42 16
Constantinople	6 51 44
Calcutta	10 49 56
Madrid	4 40 32
Rome	5 46 03
Liverpool	4 44 39

"The difference of time between the extreme east and west points of the United States is 3 hours 50 minutes. When it is Monday noon at New York, it is 6.68 A. M., Tuesday, at Tahiti, and between twelve and one A. M. of Tuesday at China. In the China Sea between Singapore and China, it is midnight when it is noon at New York.

"The time at St. John Newfoundland, is 1.26.07 P. M. and the difference in time between Trinity Bay and Valentia Bay is about 2 hours and 48 minutes."

SUBMARINE TELEGRAPHS.

The following is a list of the submarine cables now in existence, and their lengths, and date of construction:

	Date.	Miles.
Dover and Calais	1850	24
Dover and Ostend	1852	76
Holyhead and Howth	1852	65
England and Holland	1852	115
Port Patrick and Donaghadee (2 cables)	1853	26
Italy and Corsica	1854	65
Corsica and Sardinia	1854	10
Denmark—Great Belt	1854	15
" Little Belt	1854	5
" Sound	1855	12
Scotland—Firth of Forth	1855	4
Black sea	1855	400
Soland, Isle of Wight	1855	3

Straits of Massina	1856	5
Gulf of St. Lawrence	1856	74
Straits of Northumberland	1856	10
Bosphorus	1856	1
Gut of Canso Nova Scotia	1856	2
St. Petersburg to Cronstadt	1856	10
Atlantic Cable—Valentia to Trinity Bay	1858	1950
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		2,862

THE BOOK OF NATURE AN AID TO TEACHERS.

THOSE chapters of the Bible which are thronged with images drawn from landscapes and rural incidents, acquire new beauty and power when studied in the presence of similar symbols. "The heavens declare the glory of God" is a familiar phrase, easily understood. Repeat the same words thoughtfully when you are alone in some silent twilight, when the purple clouds are fading in the west, and the lustrous evening star is a gem in the brow of night, and the bright-eyed watchers of heaven come forth one by one like sentinels, and under the ebony wand the earth is hushed into slumber, and the queenly moon, pure and cold, walks forth in the courts of the sky, robed in downy clouds, and the air is so still, that you hear the falling of the leaf; then these words become replete with lively meaning, and shine on the dark blue vault in starry letters of fire. Sit under a spreading elm in the sleepy noon, when the honey-bee circles round each gay flower with a complacent hum, and birds retire from the blaze of day, and sing little chirping songs from out of the shadowy wood, and the dragon-fly shoots like a day-meteor through the rushes by the stream. Reclined in the shade, read the 6th chapter of Matthew, or some other passage of Holy Writ, containing copious quotations from the book of nature, and see if you cannot extract a richer and fuller meaning. Your soul will be attuned to the spirit of these passages by surrounding objects.

If you have any truth to enforce or decorate, a careful choice of places and seasons may help you to many a hint. With the open volume of nature before you, "whilst you are musing, the fire may burn." Is the vanity of the world, or death, or the resurrection, or the Christian's glorious hope, your theme, you may spend a profitable half-hour in a village