

busily engaged in making preparations for a great event on Aug. 30 next, On that day there will be a total collpse of the sun. There have been, however, so many total eclipses within the recollection of most of us that the question may well be naked as to why we are to pay any particular attention to this eclipse among the number. The reasons are easily stated. In the first place, the duration of totality at the best stations is fairly long. The complete obscurity of the sun will last for 3 minutes and 50 seconds. No doubt under a combination of favorable circumstances colipses can and do sometimes happen in which the duration of totality, as it is called, is onsiderably greater. In some eclipses has been indeed nearly twice as great. On the other hand, in many total eclipses which have been deemed worthy the attention of the astronomer, the precious seconds of totality have been barely half as many as those

But a special reason why we hear so much about the eclipse of this autnin arises from the fact that it can e seen under the most favorable conbe seen under the most favorable con-ditions in localitis easily reached by a few days' journey. The middle of the sclipse, that is the occurrence of to-tality at noon, can be observed by those who travel no greater distance than to the north of Spain. There, either at Burgos, or at a place one-third of the way from Spragorsa to Madrid, or at Morella, there will be one of the sublimest of natural phenomens under white best possible conditions for observathe best possible conditions for observa-

NOVEL METHODS OF OBSERVA-TIONS.

Of course, without leaving our own Of course, without leaving our own homes the eclipse of next August will be visible to some extent. It will be visible over the whole of Europe, and the greater part of Africa. It will be visible over the north Atlantic, and over a great part of Canade, and doubless will be noted by many hundreds of thousands of observers. It may here be mentioned that an eclipse of this kind can be observed on a bright day when the sum is high, in a manner kind can be observed on a bright day when the sun is high, in a manner which, though it may not be actually instructive from a scientific point of view, is certainly pleasing and plo-turesque. This observation is inade, atranse to say, not by looking up to the sun, but by looking down upon the ground. When the sun throws a shadow of a trae on the road, the rays of alight passing through interstices be-ween the invest of more bright paosing. which passing through interstices be-tween the leaves, form bright spots, which though we may not ordinarily notice the fact, are really images of the sun. When a large part of the disc of the sun is cellpsed, then the bright part is reduced to a crescent, and con-sequently each of the myriad little solar images on the ground present to us

Acquently each of the myriad little solar images on the ground present to us beautiful crescents. A most satisfactory way of observing the phenomenon is to obtain the as-sistance of a telescope, and then to ar-mose that the image of the sun shall be thrown on a screen. By this device a greatly enlarged image of the sun is obtained and the excessive brilliancy is suitably reduced.

But the characteristic phenomena which makes collpace so important are never exhibited when the phase of the lipse is no more than a partial one. implete extinction of the sun is neceseclipse is mory, or in other words it is necessary for the observer to take up such a position that the shadow of the moon



Elder William J. Flake of Snowflake Elder William J. Finke of Snowlake, Navajo county, Ariz., returned home fune 29, 1905, from the Southern States mission, for which he was sot apart July 7, 1903. The Middle Tennessee Conference was his field of labor, in which he reports a good work is being tone, with room for more Elders.

Elder Briant Stringham of Bountiful, Pavis county, returned July 8, 1905, rom the British mission, where he has been laboring since June 21, 1804, in the siristol conference, over which he pre-ided during the last eight months. The work is making good progress and several rew members have been added to the fold.

Elder George W. Webster of Taylory-Elder George W. Webster of Taylors-wille, Sait Lake county, returned July 20, 1905, from the British mission, for which he was set apart Jung 1, 1903. The first part of his mission he la-bered in various parts of the Scottish conference. The last year was spent in Aberdeen, where a branch of the Church has been organized of some 20 members.

Edder Stewart W. Eccles of Eden, Weber county, arrive in this city July 20, 1905, on his return from the British mission, whither he was sent May 5, 1903. He labored eight months in the Newcastle cofference, and the crest of the time in Scotland, where the work of the Lord is progressing.







JOHN MITCHELL.

to fight to maintain their position

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