


## ARNESS



DGE NEESON'S


| SOMFTHING AB0UT SIRIUS. the doo star has created more talk. |  |  |  |
| :---: | :---: | :---: | :---: |
| The Brighteat Star in the Heavens-- 14 Rules During the Dog Days and is Not Conductive of Health-A few Facta about the Brilliant Sun. |  |  |  |
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| A tat whice so:ppot to midamght |  |  |  |
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| use a rather curlous \&flgure of speech.Theon Alexandrinus gave a table fordetermining the "heliacal rising" ofthe dog star. He said that a period offorty days, twenty before and twentyafter, this momentous event includedthe time of perspiration, hydrophobinand other evils. | When ratan wen roun |  |  |
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| It was supposed to be given to thisbright star because of its brilliancy andbecause of the dryness and heat of theweather which attended its annual ap- |  |  |  |
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| stellation just seuth of the equator, andit needs but little imaginative force todescry the rude outlines of man's faith-ful friend in the group of stars includ- |  |  |  |
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| ed within its boundaries, when CanisMajor is a little past the meridian, sayabout 8 p . m . At this time of the yearan observer studying the asterism from |  |  |  |
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| A convenient point -ay the nearst |  |  |  |
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| $\begin{aligned} & \text { the field of his great telescope was ac- } \\ & \text { companied by a flood of light like the } \\ & \text { coming of day, and that it was impos- } \\ & \text { sible to observe its image without act- } \end{aligned}$ |  |  |  |
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| ual pain to the eye. Herschel's mirrorwas six feet in diameter, and gatheredmuch more light than is given by the |  |  |  |
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| iick reflector <br> The star has been seen to cast a dis- |  |  |  |
| tinct shadow on a dark night, and yetits light is only the one-7,000,000,000th part of that of our sun in full daylight. How far distant from us must this |  |  |  |
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| How far distast from us must this im- mense sun be then? The mathematic- |  |  |  |
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| later |  |  |  |
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| We may approximate the idea, as Prof. |  |  |  |
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| Langley did, by bnying that if the distance from our earth to the sun were <br>  |  |  |  |
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