THE ECLIPSE. Prof. Coakley, of the University of New York, writes as follows to the Sun: -At the time the moon rises on the 23th inst., the eclipse will have already begun, and will have progressed so far that about three-fifths the culind disc. - I set up the of the moon's diameter on the lower side will be covered by the shadow of the earth. The times of the several phases of the eclipse, expressed in eastern time, or that of outside t showed It to the quette meridian 75 degrees, are as follows:totalif- was over tils huver Eclipse begins, January 28, at..... 4.31 p.m. Moon rises (whole diameter), about.... 5.10 p.n. 5.31 p.m. Total phase begins at illumineten. I also shown Middle of eclipse at Total phase ends at 7.09 p.m. Eclipse ends at..... 8.10 p.m. If the atmosphere is free from clouds, not but as usual they were weng only at New York, but for a considerable space around the circumference of the earth that bounds the disc embraced by the earth's his specially at the latter, enshadow, then the atmosphere will act like a refracting lens to throw light upon the moon. even when she is totally immersed in the see objects the sife of a harm shadow. The moon will therefore, during her total immersion, reflect many of these rays of light to the earth, and she will prevery slupin questions being asked sent to us the appearance of a dull coppercoloured circular disc, like that of the full moon, but less brilliant. Many persons seeud delake en ashringsthe ing this appearance of the moon during totality suppose that she is not then in eclipse, because they see her so plainly. The heaven, - Though the un fleetor light from the enth the bird demention between the prin-elliumsund fint of the news the the other was not well deficin so that I did not afferingt he wishe the hime of emersion from the carthes shadow - hard the lemperature was below genos at the justimeent. The had aspleasant lowing & all second to have enjoyed themselong They left is 11-3000. Sunday 34 Dorothew was down here a defent fine cloubly live in the afternoon of elevation, he pleasant the evening games & music with our truel fuir buy was afain our hundry diversuin. Last theeing ofter due Tulu that flaged hegether en the quitais, & thur afain en the piceols r Don the feukar, eller. Pathinom pan to me 'San wake hime pleasant for your boys, or related of a compresidein which her little hist. que had lakely unithen en "kenne" the Sum Houtstance of which was - Home is a hause, father r mother live ill I am hechildren - fallen o moshen are glad when the children are in bet, but on thusbons we haven July day, -Mes. O. sun the felt the pain that this Duchment Expresser. Mes it would hain

to the core of my heart were I learn such from any of my children. — o, magic wind - home. Show which can be said of it, how what can be done for it, so that in him when menny reverts boil, it plant as one grain illumination purrounder by a sufficient with holo-all betokening - the true-Many 30 Aug competing. sor lette fram Tuesday 31 Quen Duy Computing pleasans. Helmay Mode a surry for 40. a. Clase and one for hich. Jaglowitz. - huming busy writing so. Medecedy, 1 Thursday 2 Aung at latitude computations. mild chund Sung at betilude computations. Done came Inday 3 down o book Marfulu roskar with her to Lechie for a visit, and will return with them on Sunday. This made a very quiet Supper for Marie free -Saluday 4 Buoy computing. Samuel evening chairer I bake am constitutional walk. mil) little min, Heal mejul fime tuver. Buon computing. In afternoon I aprel sune clondy hive at dathers. Our principal topic was Volafuit - the mineral lauguage. Sest night I careful Ruvry

the inventor of the lauguage) work, and was shock with