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Political.

erms, with the preaght age and with the future,
the same instant of time. That while the lau.
 At length came the iror ip ious Comet of 1680 He sun, arose frem time perpin withtilaifly toitardd and the illastrious New ion demonstrated tioo oul? what Kepler had Found did necessarity the planetary system, but also that Comets obsetive
the same law, moving in wery longellipses reun The sun, and describing tequal areas in equal times the sun, abd describing equal areas in equal times;
The revolutions of only two Comets (or the number of years necessary for performing a journey round the sun) are known with any certainty The one is that which appeared in the fears 1556 , tmove round the sun in 76 vears, it tuill thered ford

 ry, wheiere Augusus C Cosar says concerning it In the very days of our games, a hairy stars
Sydus Crioitum) was seen for 7 dass in that part Crat arose about the lith hour of the dia, and was learly to be seen oll over the world, -The pe
tood of this Comet is therefore ascertained to be riod of this Comet is cherefore ascertained to be
about 575 years old. Its appearance will be inthe. The number of Comets belonging to our sys. nore than 450 have been seen, butr the number whose orbits aré settled wifh sufficient acturacy for us to ascertain their idennity on their re-apf
pearance, is only aboit 59 . The o-fits of nox of hese are inclined 'o the plane of the ecliptic in large angles, and in their parihelion tiey come motions in the hearens are also different from hose of the planets. When a Comgt arives with
a certain distance of the sun, it enirs a prodi gious fume or vapour called its tail. These talle seem largest and most splendid immedioteiy after they 1.turn frem the s.:., becaniee boiry
test, they mit the greatest quandity of vapours, ind are always opposite those p...sent, hat bo y of the comet leaves in its descent, which is a
reeable to the nature of smoke, and vapcur They also appear broader on their upper part thant
near the head of the Comet; like all vapours the near the heacis the Comet; like al vappurs the
nigher they rise the more they dilate themselves. The cclebrited conet of 1530 came
e sun, that it was not a sixh part of the ore it sheat must then be two thousand times hoter than red hot iron. And from thence ook its course from the sun to the distance of ele. en tliousand millions of miles, which is

$$
\begin{aligned}
& 4 \text { imes further than the orbit of Satun. } \\
& \text { At their first appearanct; comets are computed }
\end{aligned}
$$

$$
\text { be as } n \text { ar to us as Jupiter, and the er fore eo on }
$$

dered to be less than that planet : the present one

$$
\begin{aligned}
& \text { poed to op eight times larger than ourgobe, and } \\
& \text { to move with he amazing velocity of sixten thou }
\end{aligned}
$$

$$
\begin{aligned}
& \text { o move with he amazing velocity of sixten thou. } \\
& \text { sand milts a thinute. Thie conjectures respecting }
\end{aligned}
$$

and mils a minute. The conjectures sespecting
oimels are various. The ancients sefileved thisy
were harbingers of divine vengeance :- whus
mer- "A fatal sigh to armies on the plain,
Or trembling sailors on the watry main."
Some of the moderns, particularly sir Isaac Newton, are of opinion, that they are ordained, by Providence, to supply the sun at stated prriods,
with matter peculiar to its nature ; and to make up vith matter peculiar to is nan the enission of the particles of light. hovever, are mere hapotheses. The same alyo hovever, are mere
may be said of ever thinges. that can be advanced
concering their being inhabited worlds, Gor if auticoncerining their being inhabited worlds, for if ani-
mals can exist there, they must be creatures very ar different from any of which we have the least concepuion. Some who have indulscd themseives place of toriment for the ciamned; that each Co. met is, properiy and literaly speaking, a bell, from the intolerable and and inconceivabie ..eat and cold
It is supposed by some; that Comets are thic means sppointed the thie Almithty for the dessuc.
tion of inis worl, and all the planitary systim, yy involving the globe of the playets in their atm,
phete of water, in their return from the coilr



in the heavens, in the space of one day, and was
the first of which we have any proper goservations.

physical system. of this world,

