PRINCE E	DWARD
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Nov. 9, a transit of Mercury. With reference to the 48. VII. centre of the Earth :-

D. н. M. First contact of Limbs 47 a. m. 9 6 30 a. m. Mean time. 7 Least distance of Centres -9 Last contact of Limbs -9 0 2 p. m.

The ingress will be visible from the greater portion of Europ and Asia, the whole of Africa and South America-the egre. from the western extremity of Europe, the greater part of Afric and North America and the whole of South America.

NOTE .- The planet may be seen on the Sun's disk, if it be a fair day, through a piece of smoked glass.

EXPLANATION OF THE CALENDAR PAGES.

LEFT HAND PAGE.

COLUMN 1st and 2d, contain the days of the month and of the week 3d and 4th. The rising and setting in mean time, of the higher point, or of the upper limb of the sun, corrected for refraction.

5th. Days length in hours and minutes.

6th. The Equation of Time (or quantity by which the Sun slow or fast of the clock) at noon, apparent time (no mean) at Greenwich. The interval of time between th Sun being on the meridian or southing, on one day, an his being on the meridian or southing there next day, not always the same; and, therefore, solar days are no equal in duration; about one-half are a little more, an about one-half are a little less than 24 hours. A cloc regulated by the Sun, or the Sun-dial, would need frequer each month. adjustment ; to avoid this, an imaginary Sun is suppose to move, so that the interval of time between its consecu tive passages over the meridian is always the same, viz 24 hours; such a time represents a mean solar day, an it is the average of all the apparent solar days in a year The difference of time between the imaginary Sun an the true Sun passing the meridian, is called the " Equation of Time," the amount of which at noon on every day is inserted in this column. There are only four days i the year when apparent and mean time are the same, o the Equation of Time is nothing. In this year these day of that tide whi are April 15, June 15, Septr. 1, and Decr. 24. Betwee four columns 1 April 15 and June 15, and between Septr. 1 and Decr. 24 Water on the the imaginary Sun follows the true Sun, and the Equation at Halifax, 71 of Time is subtractive; the true time being earlier tha 10h. 15m.— an that shown by the Sun. Between June 15 and Septr. I calculations in and between Decr. 24 and April 15, the imaginary Su computation m precedes the true Sun, and the "Equation of Time" i the old mode of

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