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Milliseconds Difference between Recorded Arrival Signals by Detectors in LIGO as the Observable Factor for Time Fluxes which Arise by Momentum HASSAN GHOLIBEIGIAN¹, No Company Provided, ABDOLAZIM AMIRSHAHKARAMI, Retired, KAZEM GHOLIBEIGIAN, Student — Different locations in two merged massive black holes including different large scales convection systems which produce different momentum and energy before, during, and after the event. This black hole, as a large scale convection system, produces gravitational waves which radiate away. On the other hand, the nature of time is wavy-like motion of the matter and magnitude of the time for an atom is momentum of its involved fundamental particles. So, gravitational waves which travel from black hole to us including different fluxes of time. As an observable factor, we can look at the 7 milliseconds difference of recorded at the time of arrival of the signals on September 14, 2015 by detector in Livingston before detector in Hanford. This difference of recorded time in LIGO cannot be due to warped space-time, because 3002 kilometers distance between two detectors with respect to the 1.3 billion light years (distance of black hole to detectors) is like zero! So, this difference of time's fluxes can be due to gravitational waves of different momentum which produced in different locations of the two merged black holes.

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