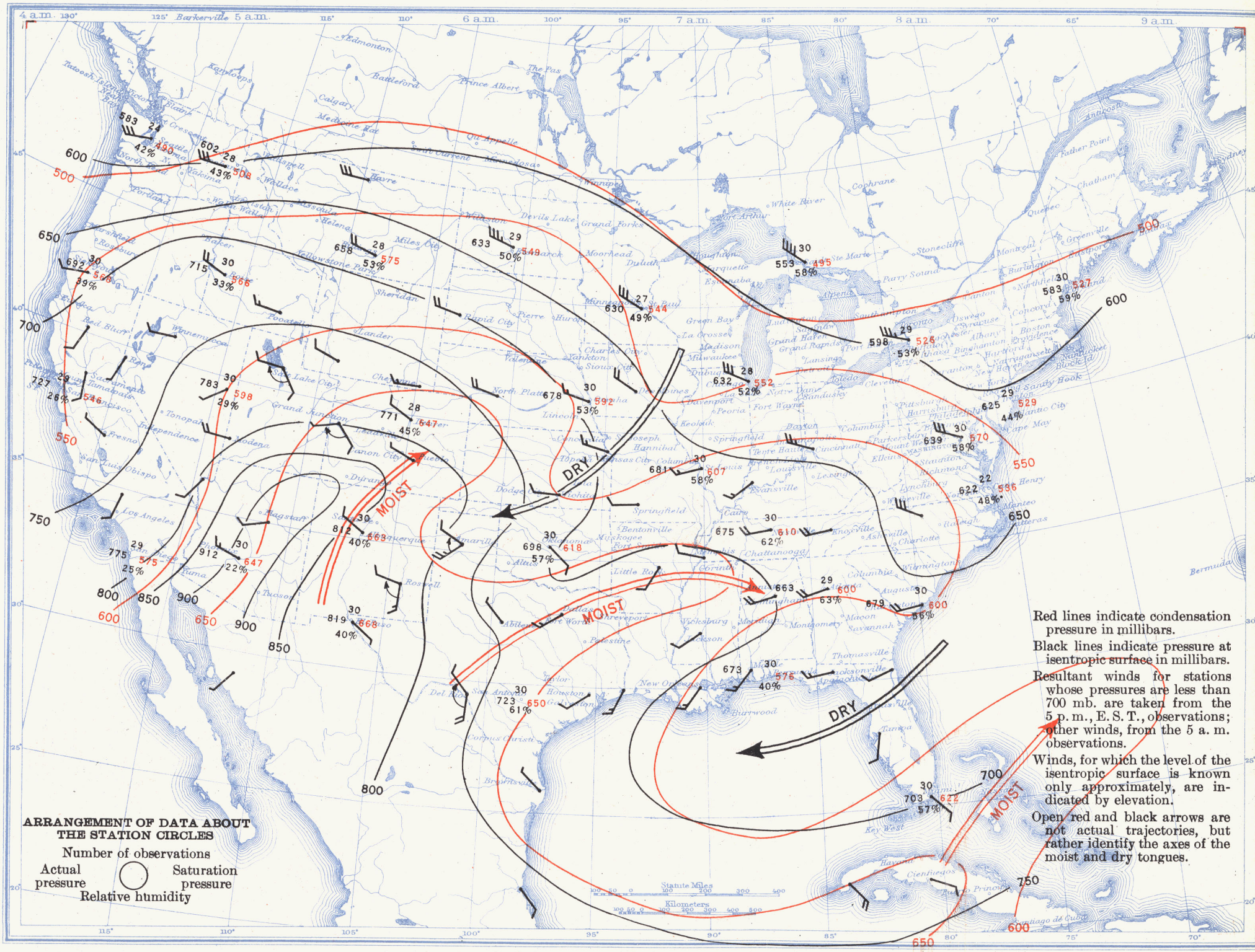
Chart XII. Mean Isentropic Chart, June 1940 (Potential Temperature 312° A.)



ARRANGEMENT OF DATA ABOUT THE STATION CIRCLES

Number of observations

Actual pressure — Saturation pressure

Relative humidity

Red lines indicate condensation pressure in millibars.

Black lines indicate pressure at isentropic surface in millibars.

Resultant winds for stations whose pressures are less than 700 mb. are taken from the 5 p. m., E. S. T., observations; other winds, from the 5 a. m. observations.

Winds, for which the level of the isentropic surface is known only approximately, are indicated by elevation.

Open red and black arrows are not actual trajectories, but rather identify the axes of the moist and dry tongues.