BOUGUER GRAVITY ANOMALY MAP OF SOUTHEASTERN ARIZONA

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Gravity data were obtained from surveys by the Laboratory of Geophysical Surveys of the University of Arizona, U.S. Geological Survey, U.S. Defense Mapping Agency and exploratory companies and individuals. The index map shows the principal sources of data for preparation of this Bouguer gravity anomaly map. Geophysical contours are not tabulated in the Bouguer anomaly map. Anomalies are not corrected for topographic effect except where noted by the symbol of an isostatic base, or where the effect is known to be small. The map is on the Transverse Mercator projection, standard parallels 33° and 45° with a scale of 1:500,000 for the Salyer county area and 1:1,000,000 for the remainder of the state. The Bouguer correction used for preparing this map was provided by the State of Arizona Oil and Gas Conservation Department, by the Division of Hydrology and the National Science Foundation, the National Academy of Sciences, the U.S. Geological Survey, the University of Arizona, the Arizona Water Resource Research Center, and the U.S. Defense Mapping Agency.