

Publications of the
DEPARTMENT OF COMMERCE
BUREAU OF STANDARDS
WASHINGTON

Letter
Circular
LC 7

October 20, 1921

WEIGHTS AND MEASURES

(The publications not starred may be purchased from the Superintendent of Documents, Government Printing Office, Washington, D. C., at the prices stated. Those marked with a star are out of print, but may be consulted at leading libraries.)

Scientific Papers

Number	Title	Price
S 1	Recomparison of the United States prototype meter (1904)	5¢
S 17	History of the standard weights and measures of the United States (1905)	10¢
S 92	The testing of glass volumetric apparatus (1908)	15¢
S 197	Density and thermal expansion of ethyl alcohol and of its mixtures with water (1913)	25¢
S 214	Note on the setting of a mercury surface to a required height (1913)	10¢
S 215	Micrometer microscopes (1913)	5¢
S 275	Relation between composition and density of aqueous solutions of copper sulphate and sulphuric acid (1916)	5¢
S 289	The damping of waves and other disturbances in mercury (1916)	5¢
S 304	Calculations of constants of Planck's radiation equation: Application of theory of least squares (1917)	5¢
* S 328	Variance of measuring instruments and its relation to accuracy and sensitivity (1918)	5¢

1. The first part of the report deals with the general situation of the country and the progress of the work during the year.

2. The second part contains a detailed account of the work done in the various departments during the year.

3. The third part gives a summary of the results of the work and a comparison with the work of the previous year.

4. The fourth part contains a list of the names of the persons who have been employed during the year and a list of the names of the persons who have been promoted.

5. The fifth part contains a list of the names of the persons who have been discharged during the year and a list of the names of the persons who have been re-employed.

6. The sixth part contains a list of the names of the persons who have been appointed during the year and a list of the names of the persons who have been promoted.

7. The seventh part contains a list of the names of the persons who have been discharged during the year and a list of the names of the persons who have been re-employed.

Number	Title	Price
S 332	Preliminary determination of the thermal expansion of molybdenum (1919)	5¢
S 352	Thermal expansion of insulating materials (1919) .	10¢
S 410	Thermal expansion of copper and some of its important industrial alloys (1921)	25¢

T e c h n o l o g i c P a p e r s

Number	Title	Price
T 9	The density and thermal expansion of linseed oil and turpentine (1912)	10¢
T 77	Density and thermal expansion of American petroleum oils (1916)	10¢
T 81	Liquid-measuring pumps (1916)	15¢
T 106	Stabilized-platform weighing scale of novel design (1918)	5¢
T 114	A portable cubic-foot standard for gas (1919)	5¢
T 115	New Baumé scale for sugar solutions (1918)	5¢
T 153	Area measurement of leather (1920)	10¢
T 157	An investigation of the physical properties of dental materials	10¢

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C i r c u l a r s

Number	Title	Price
*C 2	Measurements of length and area, including thermal expansion	5¢
C 3	Design and test of standards of mass	15¢
*C 4	Verification of standards of capacity	
C 9	Testing of glass volumetric apparatus	10¢
C 10	Legal weights (in pounds) per bushel of various commodities	5¢
*C 16	The testing of hydrometers	5¢
C 18	Standard gage for sheet and plate iron and steel	5¢
C 19	Standard density and volumetric tables	15¢
*C 39	Specifications for and measurement of standard sieves	5¢
C 40	Sodium oxalate as a standard in volumetric analysis	5¢
C 43	Jewelers' and silversmiths' weights and measures	5¢
C 47	Units of weight and measure; definitions and tables of equivalents	15¢
C 51	Measurement of time and tests of timepieces	15¢
C 55	Measurements for the household	15¢
*C 59	United States standard Baume hydrometer scales	5¢
C 61	Specifications and tolerances for weights and measures and weighing and measuring devices	10¢
C 64	Rules and regulations for enforcement of Lime-Barrel act	5¢

Number	Title	Price
C 67	Combined table of sizes in the principal wire gages .	5¢
C 71	Rules and regulations promulgated under authority of the Federal Standard Barrel Law	5¢
C 77	The table of unit displacement of commodities	10¢
C 83	Specifications for the manufacture and installation of railroad track scales	5¢

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M i s c e l l a n e o u s P u b l i c a t i o n s

Number	Title	Price
M 2	The international metric system of weights and measures	10¢
M 3	The international metric system (chart)	15¢
M 4	First annual conference on the weights and measures of the United States	10¢
M 5	Second annual conference on the weights and measures of the United States	15¢
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M 7	Fourth annual conference on the weights and measures of the United States	15¢
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M 9	Sixth annual conference on the weights and measures of the United States	20¢
M 10	Seventh annual conference on the weights and measures of the United States	20¢
*M 11	Eighth annual conference on the weights and measures of the United States	35¢
M 12	Ninth annual conference on the weights and measures of the United States	20¢
M 13	Tenth annual conference on the weights and measures of the United States	50¢
M 14	Eleventh annual conference on the weights and measures of the United States	35¢
M 17	Copper-wire tables (English and metric)	
*M 20	Laws concerning the weights and measures of the United States	

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Weights and Measures (Miscellaneous Publications, Cont.'d)--7 10/20/21

Number	Title	Price
M 21	Metric manual for soldiers	
M 39	Household weights and measures	5¢
M 41	Report of the twelfth annual conference on weights and measures	20¢
M 42	Progress report of the National Screw Thread Commission	15¢
M 43	Thirteenth annual conference on weights and measures . .	20¢
M 45	Buying commodities by weight and measure	10¢
M 48	Fourteenth annual conference on weights and measures . .	

H a n d b o o k s

Number	Title	Price
H 1	Manual of inspection and information for weights and measures officials	50¢



