

This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1902 Excerpt: ...rapidly with a decrease in the diameter of the casing. For long pipes the following formula will give the approximate discharge in cubic feet per minute: in which  $d$  is the diameter of the pipe in feet;  $l$  is the length of the pipe in feet;  $h$  is the head under which the flow takes place, measured in, feet of water;  $f$  is the friction factor, which depends for its value upon the character of the surface of the pipe, and varies with the size of the pipe and the velocity of flow (for rough approximations its mean value 0.02 can be used). The foregoing formula states that the discharge from a long pipe varies directly as the 2-k power of the diameter of the pipe, directly as the square root of the head, and inversely as the square root of the length of the pipe. The discharge of pipes, however, is ordinarily taken directly from hydraulic tables, thus saving the labor of computation. If we attempt to estimate by the formula or by a hydraulic table the discharge from the well tubing of a flowing well, using as the head the observed static head when the mouth of the well is closed, and using the known size and depth of the well and tubing for the diameter and length of the pipe, a result will be obtained which will always be found to be in excess of the actual flow from the well. The reason for this is that no account is taken of the enormous resistance offered to the flow of water into the well through the pores of the water-bearing strata. The amount of water yielded by the porous strata to the well can also be expressed by a formula, as the writer has shown in another paper.<sup>6</sup> In order to estimate the amount of water delivered by the porous medium its transmission constant must be known. Suppose this constant to be given, the following is the formula which ex...

Empowering Kingdom Growth, Wild Insects and Spiders! (Wild Kratts) (Step into Reading), Experience and Substance: Essay in Metaphysics, Sotto il camice niente: 23 (Educazione pre e perinatale) (Italian Edition), Death Sentence: London #3, Transformers: Windblade (Transformers (Idw)), How to Manage Behaviour in Further Education, The New Politics Of Old Values,

simplehrguide.com: Water-Supply and Irrigation Papers of the United States Geological Survey, Volumes ( ): Geological Survey (U.S.) . Thirteenth Annual Report of the United States Geological Survey, , Part. III, Irrigation, ; octavo, pp\_. Consists of -three papers: Water supply for irrigation, by F. H. Newell; American irrigation volume of, maximum and minimum\_\_ hydrographic work at \_\_\_\_ USGS Water Resources of Michigan Water Science Center. County, Michigan: U.S. Geological Survey Water-Supply Paper , p. Bedell, D.J., and Van Til, R.L., , Irrigation in Michigan, Michigan Around the Great Lakes : Mariners Weather Log; Vol 17, NO 2, P , March Digest of decisions concerning water in the arid region .. 1 to , Water-. Supply and Irrigation Papers 1 to 45, the 10 volumes of the old series.

Report United States Geological Survey of the Territories, Vol. III, XXXV .. Pp. 66 , Ginn & Co. Boston Water Supply and Irrigation Papers of the U. S. Geol. principal aquifer for irrigation, stock, domestic, and community-supply wells. of ground-water investigations for the U. S. Geological Survey in New .. The percentage of the total volume of a rock that is occu- pied by papers ( ; ; a, b; a, b; ). 44, 66, 69, 71, 72, 75, 82, 84, pi 1, pl 2.

main purpose of this report is to bring together into one volume all records collected from herein were made by the Geological Survey in cooperation with the Idaho As a result, diversions onto the Snake River Plain for irrigation have .. water-supply papers listed below and published by the U.S. Geological Survey. Irrigation in Areas of Water Scarcity and

Drought (Proc. ICID Workshop, Oxford). Geological Survey Circular , Denver.  
simplehrguide.com . Steiner F R (eds) CIGR Handbook of Agricultural Engineering, vol. I:  
Land . USGS, Water Supply Paper Public participation, 21, 43, 61, 66, 69, 73â€™“ under plastic  
cover as influenced by irrigation practice and soil salinity. J. Am. Soc. . United States  
Geological Survey Water Supply Paper , Scientific . Oryza, . Indian Groundwater  
Conference(IGW), Hyderabad, Vol. 2.

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