Bibliography of Hydrology of the United States and Canada, 1964

GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1864
# CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>V</td>
</tr>
<tr>
<td>Previous bibliographies</td>
<td>VI</td>
</tr>
<tr>
<td>Serial publications</td>
<td>VII</td>
</tr>
<tr>
<td>Bibliography</td>
<td>1</td>
</tr>
<tr>
<td>Index</td>
<td>155</td>
</tr>
</tbody>
</table>
BIBLIOGRAPHY OF HYDROLOGY OF THE
UNITED STATES AND CANADA
1964

Compiled by J. R. RANDOLPH, N. M. BAKER, and R. G. DEIKE

INTRODUCTION

This volume lists references to books, journal articles, and other publications in the field of hydrology published in the United States and Canada during 1964. In addition, some references have been taken from international journals in which American authors frequently publish.

Previous bibliographies on hydrology of the United States have been prepared under various auspices. A list of citations to the most inclusive ones follows this introduction.

Hydrology, for purposes of this bibliography, is defined as the science that relates to the waters of the earth, their occurrence, distribution, movement, and chemical and physical properties. The studies of water in the oceans and in the atmosphere are technically part of the science of hydrology, but in practice they have been included in the sciences of oceanography and meteorology. However, some references from these fields have been included in this bibliography where the material is relevant to the problems of water in general. Similarly, articles in other allied sciences have been cited if they seem to contain material of interest to hydrologists.

The bibliography includes entries for compilations of basic data except for those reports that are part of a U.S. Government series published monthly or annually, such as the U.S. Weather Bureau's "Climatological Data" and the U.S. Geological Survey's "Quality of Surface Waters of the United States." Periodicals directed toward non-technical readers have not been searched regularly, but selected articles from them have been included.

Citations are listed alphabetically by author, with full title and publication data. The index combines subject and geographic headings.
The assistance of Patrick O. Jefferson, Gary S. Anderson, Barbara M. Gage, Agatha P. Humphrey, and James W. Clarke in the preparation of this volume is gratefully acknowledged.

PREVIOUS BIBLIOGRAPHIES ON HYDROLOGY OF THE UNITED STATES AND CANADA


SERIAL PUBLICATIONS

The following list gives the abbreviated titles of periodicals and serial publications most commonly cited in this bibliography, their complete titles, and the place of publication. It would be impractical to include in the list all the journals that are searched regularly, many of which only rarely carry papers of interest to hydrologists. Complete information on any publications not included in the list is given with the citation in the bibliography proper. Guidebooks, proceedings, and related types of literature prepared for special conferences, congresses, and symposia are not listed here as serials but are cited in the bibliography under the name of the editor or of the issuing society.


Am. Jour. Sci.—American Journal of Science. Kline Geology Laboratory, Yale University, New Haven, Conn.


Am. Scientist—American Scientist. Society of the Sigma Xi. New Haven, Conn.
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Arctic—Arctic. Arctic Institute of North America. Montreal, Quebec, Canada.


Boston Soc. Civil Engineers Jour.—Journal of the Boston Society of Civil Engineers. Boston, Mass.


Brigham Young Univ. Geology Studies—Brigham Young University Geology Studies. Provo, Utah.


California State Assembly, Assembly Interim Comm. Repts.—California State Assembly, Assembly Interim Committee Reports. Sacramento, Calif.

California Univ. Lawrence Radiation Lab. [Pub.]—University of California Lawrence Radiation Laboratory [Publication]. Livermore, Calif.

California Univ. Water Resources Center Contr.—University of California Water Resources Center Contribution. Berkeley, Calif.


Canadian Geographer—The Canadian Geographer. Published for the Canadian Association of Geographers by the University of Toronto Press. Toronto, Ontario, Canada.


Chem. Eng. Prog.—Chemical Engineering Progress. American Institute of Chemical Engineers. New York, N.Y.


Civil Eng.—Civil Engineering. American Society of Civil Engineers. Easton, Pa.


Compass—The Compass of Sigma Gamma Epsilon. Provo, Utah.

Conservationist—The Conservationist. New York State Conservation Department, Albany, N.Y.


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Kansas Acad. Sci. Trans.—Transactions of the Kansas Academy of Science. Lawrence, Kans.


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Rhode Island Water Resources Coordinating Board Ground-Water Map—Rhode Island Water Resources Coordinating Board Ground-Water Map. Providence, R.I.

Science—Science. American Association for the Advancement of Science. Washington, D.C.


Soc. Mining Engineers Trans.—Transactions of the Society of Mining Engineers. Society of Mining Engineers of AIME. New York, N.Y.


Southeastern Geology—Southeastern Geology. Department of Geology, Duke University. Durham, N.C.


Tennessee Valley Authority Hydraulic Data Br. Rept.—Tennessee Valley Authority Hydraulic Data Branch Report. Knoxville, Tenn.


United Nations Food and Agriculture Organization, FAO Legislative Ser.— Food and Agriculture Organization of the United Nations, FAO Legislative Series. Rome, Italy.


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Adams, J. K. See Boggess, D. H. 00583


Adams, J. K. See Boggess, D. H. 00595


Adams, J. K. See Boggess, D. H. 00598


Adams, J. K. See Boggess, D. H. 00600


Adams, J. K. See Boggess, D. H. 00602


Adams, J. K. See Boggess, D. H. 00604


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Ali, Iqbal. See Banks, R. B. 00783


Allen, H. E. See Ellis, D. W. 00586

Allen, H. E. See Ellis, D. W. 00587


Allen, J. R. L.  See McMullen, R. M. 00390


Alspaugh, A. E. See Jackson, G. L. 02205


Altschaeff, A. G. See Harrison, W. 00475

Aly, O. M. See Faust, S. D. 00060

Ambühl, H. See Jaag, O. 02204


Amerman, C. R. See Dreibelbis, F. R. 00724


        Anderson, G. C.  See Sylvester, R. O. 02090


        Anderson, P. W.  See Rima, D. R. 00894

        Anderson, R. J.  See Weibel, S. R. 00444


        Anderson, Warren.  See Lichtler, W. F. 01749


        Andrews, M. B.  See Keysor, J. W. 00920


        Apmann, R. P.  See Parsons, D. A. 01359


        Applin, P. L.  See Applin, E. R. 01495

        Archer, R. J.  See LaSala, A. M., Jr. 00906


Armitage, K. B. See Angino, E. E. 01453


Arnold, C. B. See Hightower, R. C. 01277

Arnold, J. R. See Lal, D. 01097


Arnow, Ted. See Wilson, M. T. 00840

Arnow, Ted. See Bogart, D. B. 01367


Aron, Gert. See Abu-Zied, M. A. 00795


Ashcroft, G. L. See Abdel-Aziz, M. H. 00083

Ashe, G. W. T. See Ince, Simon. 00876


Ashley, D. A. See Doss, B. D. 00294

Aten, R. E. See Bergstrom, R. E. 00355

Atherton, M. J. See Underhill, H. W. 01354


BIBLIOGRAPHY

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Ayers, J. C.  See  Zumberge, J. H. 02052


Babushkin, V. D.  See  Goldberg, V. M. 00370


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Barksdale, R. G. See Laymon, L. L. 01116

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Beckman, R. T. *See* Gilkey, M. M. 00412


Beeton, A. M. *See* Marshall, J. S. 01311


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330-453 O - 69 - 3
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Blake, G. R. See Boelter, D. H. 00311

Blakey, J. F. See Hembree, C. H. 00829


Blust, F. A. See Krese, R. F. 00323


Bogess, D. H. See Davis, C. F. 00123

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00612 Boggess, D. H. See Adams, J. K. 00612


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Boswell, E. H. See Cushing, E. M. 02076


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Breidenbach, A. W. See Anderson, J. B. 00488

Brennan, Robert. See McGovern, H. E. 00028


Brett, G. W. See Weld, B. A. 01441


Brittain, R. L. See Loofbourow, R. L. 00660


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Brown, J. B.  See  Baker, R. C. 00833

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Brown, P. L.  See  Ferguson, H. 01161


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Bruechmann, J. E.  See  Buhle, M. B. 01393

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Budd, W. See Black, H. P. 00339


Bulkley, R. V. See Farnes, P. E. 00899


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Bunker, R. M. See Harleman, D. R. F. 01240


Burbank, N. C. See Ryckman, D. W. 01673

Burbank, N. C., Jr. See Mueller, K. C. 00062

Burch, W. G., Jr. See Brabson, J. A. 01062


Burgh, P. v. d. See Abraham, G. 00033

Burgy, R. H. See Lewis, D. C. 00354

Burgy, R. H. See Lewis, D. C. 01302

Burgy, R. H. See Lewis, D. C. 01654


Burlew, J. S. See Morey, G. W. 00243


Burns, C. V. See Furness, L. W. 01452


Busby, M. W. See Furness, L. W. 01452


Bushman, F. X. See Trauger, F. D. 01112

Cahoon, G. A. See Grover, B. L. 01159


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Carter, E. C. See Ludwig, H. F. 00047


Carter, M. W. See Straub, C. P. 02245

Carter, R. C. See Ludwig, H. F. 01418


Cartwright, W. H. See Holt, C. L. R., Jr. 03010


Cary, J. W. See Taylor, S. A. 01365


Castagno, J. L. See Johnston, K. H. 01948


Castillo, O. U. See Doyel, W. W. 00145

Castillo, O. U. See Doyel, W. W. 00156

Castle, E. N. See Smith, S. C. 01504

Catalfomo, Magdalena. See Park, Kilho. 01094

Cattany, R. E. See Hardt, W. F. 01666


Chabra, B. M. See Banerji, S. 01766


Chamberlain, A. R. See Sayre, W. W. 01191


Chandler, D. C. See Marshall, J. S. 01311


Changnon, S. A., Jr. See Huff, F. A. 00700


Chepil, W. S. See Armbrust, D. V. 01624


Childers, J. M. See Berwick, V. K. 01299
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Clark, Glen. See Domenico, P. A. 03007


Clarke, F. E. See Barnes, Ivan. 00508


Clendening, J. A. See Gillespie, W. H. 01786


Clough, L. S. See Trantina, J. A. 02249

Clutter, J. L. See Hewlett, J. D. 00279

Cobb, Carlisle, Jr. See Rogers, J. S. 01802

Coene, R. F. See Taylor, F. B. 01632

Coffin, D. L. See Odell, J. W. 00838


Cohen, Phillip. See Eakin, T. E. 00418

Colburn, G. W. See McConaghy, J. A. 02059


Collings, M. R. See Wright, R. R. 00076


Conover, W. J. See Schneider, W. J. 01973


Cook, E. F. See Sokol, Daniel. 00399

Cook, E. F. See Sokol, Daniel. 02154

Cook, H. M. See Adey, E. A. 00405

Cook, R. L. See Melton, C. G. 00739

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Corey, M. W. See Middlebrooks, E. J. 01417


Corwin, Nathaniel. See Ketchum, B. H. 02208


Cosgrove, J. J. See Warren, J. E. 01693

Coskery, O. J. See Boggess, D. H. 00122

Coskery, O. J. See Adams, J. K. 00584

Coskery, O. J. See Boggess, D. H. 00598

Coskery, O. J. See Adams, J. K. 00601

Coskery, O. J. See Adams, J. K. 00611
Coskery, O. J.  See  Rima, D. R. 00894

Counts, H. B.  See  McCollum, M. J. 00528


Cox, D. C.  See  Laevastu, Taivo. 01496


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Cross, W. P.  See  Edelen, G. W., Jr. 00576

Cross, W. P.  See  Edelen, G. W., Jr. 00577

Cross, W. P.  See  Edelen, G. W., Jr. 00578

Cross, W. P.  See  Edelen, G. W., Jr. 00579

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Crosthwaite, E. G. See Mundorff, M. J. 01283

Crouch, R. L. See Burnitt, S. C. 00407


Culbertson, Don. See Mayes, J. L. 00361

Culbertson, J. K. See Beverage, J. P. 00794


Cushman, R. L. See Motts, W. S. 00963


Dagan, Gedeon. See Bear, Jacob. 00371

Dagan, Gedeon. See Bear, Jacob. 00711

Dagan, Gedeon. See Bear, Jacob. 00781


Dale, O. C. See Baker, R. C. 00534

Dale, O. C. See Alexander, W. H., Jr. 00828


Daley, J. F. See Campbell, D. G. 01538


Das, Gayatri. See Majumdar, A. K. 02120

Daubert, A. See Valembois, J. 02016


Davidian, Jacob. See Rouse, Hunter. 00481


d'Avignon, J. See Power, B. A. 01563

Davis, C. F. See Boggess, D. H. 00122


Davis, C. F. See Adams, J. K. 00125

Davis, C. F. See Boggess, D. H. 00582

Davis, C. F. See Adams, J. K. 00599

Davis, C. F. See Boggess, D. H. 00602

Davis, C. F. See Boggess, D. H. 00604


Davis, J. R. See Chen, Tsu-Fang. 00036

Davis, J. R. See Fenzl, R. N. 00105


Davison, R. R. See Zeitoun, M. A. 01087

Dawdy, D. R. See Langbein, W. B. 00167

Dawdy, D. R. See Culbertson, J. K. 01256


De Bow, Robert. See Sceva, J. E. 01638

DeBreuck, W. See Crozaz, G. 00719


De Langen, D. See Roskam, R. T. 01043


Decker, D. L. See Richards, L. A. 00300

Decker, G. H. See Parsons, D. A. 01359


Delapp, D. F. See Weinberger, A. J. 01084


Delleur, J. W. See Wu, I. P. 00933

Dempster, G. R., Jr. See Stevens, H. H., Jr. 00024


Dendy, F. E. See McHenry, J. R. 01387

Denison, J. G. See Stein, J. E. 02017


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Dorris, T. C. See Copeland, B. J. 01378

Dortignac, E. J. See Hickey, W. C., Jr. 00317


Dougherty, E. W. See Sheldon, J. W. 01694

Dougherty, J. H. See Buescher, C. A. 00446


Douglass, J. E. See Hewlett, J. D. 00279


Dreezen, V. H. See Keech, C. F. 00620

Dreher, F. C. See Knowles, D. B. 00514

Dreibelbis, F. R. See Harrold, L. L. 00327


Duncan, A. C. See Powell, W. J. 02056

Dunnan, C. A. See Porterfield, George. 00532


Durum, W. H. See Otton, E. G. 00513


Dworsky, L. B. See McCallum, G. E. 01228

Dyalla, A. S. See Rollins, M. B. 01610


Dyer, K. L. See Schiff, Leonard. 00377

Eakin, T. E. See Malmberg, G. T. 00141


Eddy, G. E. See Fridley, H. M. 00461

Eddy, J. E. See Trainer, F. W. 00177


Edgerley, E. See Ryckman, D. W. 01673


Egan, H. See de Faubert Maunder, M. J. 01040


Eggleton, A. E. J. See Chamberlain, A. C. 01556


Eichmeier, A. H. See Wheaton, R. Z. 00108


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Ellis, D. W. See Noehre, A. W. 00589

Ellis, H. H. See Mann, F. L. 00922

Ellis, M. J. See Adolphson, D. G. 00817

Elmore, H. L. See Churchill, M. A. 00689


Emery, P. A. See Smith, F. A. 01683


Engelbrecht, R. S. See Chaudhuri, N. 00055


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Falk, L. L. See O'Connor, D. J. 01154

Fankhauser, J. C. See Newton, C. W. 01919


Fanning, C. D. See Carter, D. L. 01625


Farrell, D. A. See Philip, J. R. 00702

Farvolden, R. N. See Bredehoeft, J. D. 01348

Fatt, I. See Timur, A. 00815


Feltis, R. D. See Mower, R. W. 00425

Fenimore, J. W. See Reichert, S. O. 01396


Ferguson, Hayden. See Dickey, D. D. 00306


Feth, J. H. See Whitehead, H. C. 00720

330-423 O - 69 - 5


Fetner, R. H. See Ingols, R. S. 01956


Fiering, M. B. See Yotsukura, Nobuhiro. 00788


Fishe1, V. C. See Drouhin, G. 01652

Fisher, D. W. See Barnes, Ivan. 00509

Fisher, D. W. See Gambell, A. W. 01296

Fisher, Don. See Yen, Y. C. 00727


Fitzgerald, G. P. See Allen, M. M. 00448


Fleck, W. B. See Pollock, S. J. 03016


Flint, R. F. See Collier, C. R. 00138


Forbes, M. C. See Connell, C. H. 01822


Foster, J. B. See Toler, L. G. 00967


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Franks, R. G. E. See O'Connor, D. J. 01154

Franzini, J. B. See Wang, F. C. 00717


Frauenthal, H. L. See Linsley, R. K. 01781

Frauenthal, H. L. See Perlmutter, N. M. 00163

Frauenthal, H. L. See Lieber, Maxim. 01803


French, J. J. See Dale, R. H. 00570


Frenkel, M. See Alon, A. 01050


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Gaines, J. C. See Brackbill, R. M. 00232

Gakstatter, J. H. See Weiss, C. M. 00437


Gallatin, M. H. See Lunin, J. 01623


Gamble, C. R. See Speer, P. R. 01207
Gamble, C. R. See Speer, P. R. 02029


Gannon, J. J. See Velz, C. J. 00685


García, José. See Schoff, S. L. 01975


Gardner, H. R. See Hanks, R. J. 01619

Gardner, J. L. See Kincaid, D. R. 01363

Gardner, W. R. See Ehlig, C. F. 00082


Garrison, J. M. See Elder, R. A. 00430

Garrison, W. E. See Parkhurst, J. D. 01856


Gateman, J. C. See Chakravorty, S. K. 00747
Gevantman, L. H. See Yang, J. Y. 00245
Geyer, J. C. See Linaweaver, F. P., Jr. 01875
Ghosh, P. K. See Taylor, G. C., Jr. 00525
Giles, G. C. See Waananen, A. O. 01188
Gimlett, J. I. See Cartwright, Keros. 01369

Glover, E. D. See Sippel, R. F. 01395


Gloyna, E. F. See Ledbetter, J. O. 00046

Gnaedinger, J. P. See Johnson, A. I. 02068


Gonthier, J. B. See Schiner, G. R. 00891

Gonthier, J. B. See Schiner, G. R. 00892


Gosline, G. W. See Aubertin, G. M. 00081


Gould, M. L. See Willets, D. B. 00313


Grant, A. C. See Hobson, G. D. 01078


Gregg, D. O. See McGovern, H. E. 00028

Griffin, M. S. See Weld, B. A. 01441


Griffith, C. See Meyer, Gerald. 02224


Grine, D. R. See Morris, R. L. 00740


Gupta, R. P. See Swartzendruber, Dale. 00292


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Hall, J. B. See Harleman, D. R. F. 01240


Hammond, E. W. See Egan, H. 02119


Hampton, E. R. See Foxworthy, B. L. 01142


Hanks, R. J. See Green, R. E. 00302

Hanks, R. J. See Adams, J. E. 01612


Hansen, V. E. See Bassett, D. C. 01271


Harding, W. E. See LaSala, A. M., Jr. 00906


Hare, C. E. See Heck, E. T. 01019

Harford, J. W. See Edgerton, H. E. 00684


Harrold, L. L. See Young, M. C. 00080


Hart, W. E. See Amorocho, J. 00094


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Haskin, H. H. See Dean, David. 01224

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Hassan, N. A. See Franzini, J. B. 00757


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Hazen, Richard.  See  Hudson, H. E., Jr. 02148


Healy, T. W.  See  LaMer, V. K. 01682


Healy, H. G.  See  Baker, J. A. 00548


Hedges, L. S. See Wood, Allan. 00946

Hedges, L. S. See Rukstad, L. R. 00948

Hedges, L. S. See Rukstad, L. R. 00949


Heffernan, K. J. See Warburton, J. A. 01922

Heidel, S. G. See Woodward, T. H. 02260


Hendriksen, A. See Baalsrud, K. 01647


Herfindahl, O. C. See Fox, I. K. 01325

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Hindson, L. L. See Dennis, P. E. 00558


Hirsch, Allan. See Towne, W., W. 00440

Ho, Hau-Wong. See Brush, L. M., Jr. 00034


Hobba, R. A. L. See Storey, H. C. 01518

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Horvath, V. See Erödi, B. 00318

Hoskins, H. A. See Heck, E. T. 01019


Hosman, R. L. See Cushing, E. M. 02076


Hotchkiss, C. W. See Grover, B. L. 01159


Huffman, G. C. See Giroux, P. R. 00908

Hughes, L. S. See Baker, R. C. 00547


Hughes, L. S. See Holland, P. H. 00827


Humphrys, C. R. See Veatch, J. O. 02048

Hunn, J. D. See Rosenshein, J. S. 00259

Hunn, J. D. See Rosenshein, J. S. 00260

Hunn, J. D. See Rosenshein, J. S. 00261

Hunn, J. D. See Rosenshein, J. S. 00264

Hunn, J. D. See Rosenshein, J. S. 00265

Hunn, J. D. See Rosenshein, J. S. 00266


Hunt, O. P. See Halberg, H. N. 00512


Ingle, J. C., Jr. See Bandy, O. L. 01819

Ingle, J. C., Jr. See Bandy, O. L. 01894

Ingols, R. S. See Wilroy, R. D. 01708


Ingram, W. M. See Mackenthun, K. M. 00422


Irwin, R. W. See Mirza, C. 00020


Ivey, J. B. See Doeringsfeld, W. W., Jr, 01681

Ivicsics, L. See Bedeus, K. 01282


Jacobs, Barbara. See Matalas, N. C. 02018


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66 BIBLIOGRAPHY OF HYDROLOGY, 1964


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Jenkins, C. T. See Moulder, E. A. 00376


Jennings, Harry. See Willey, B. F. 00984


Jeppson, R. W. See Bagley, J. M. 01767

Jessen, F. W. See Durie, R. W. 00816


Johnson, A. I. See Moston, R. P. 03019

Johnson, C. R. See Greenkorn, R. A. 00919


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Johnson, H. P. See Palmer, D. B. 00118
Johnson, H. P. See Hanson, T. L. 00120
Johnson, H. P. See Ligon, J. T. 00281
Johnson, J. O. See Barker, F. B. 00550
Johnson, R. W. See Crutchfield, J. A. 00454


Johnston, H. E. See Wood, P. R. 01144


Johnstone, G. H. See Brown, W. G. 00016

Jolley, D. H. See Miller, H. W. 00621

Jones, B. F. See Rettig, S. L. 00168

Jones, B. F. See Jordan, P. R. 00533


Jones, J. F. See Lennox, D. H. 01372


Jonker, F. H. See Cuthbertson, W. B. 00880

Jonsson, I. G. See Lundgren, H. 00030


Jordan, D. G. See Watkins, F. A., Jr. 00262

Jordan, D. G. See Watkins, F. A., Jr. 00263


Jordan, P. R. See Hembree, C. H. 00561


Joyner, B. F. See Lichtler, W. F. 01749


Kalinin, G. P. See Apollov, B. A. 01739


Kallio, N. A. See Hulsing, Harry. 01251


Kamaras, M. See Erodi, B. 00318


Kamb, W. B. See Shreve, R. L. 00340


Kantrowitz, I. H. See Pluhowski, E. J. 00560


Kaplan, R. A. See Davies, D. S. 01902


**Kates, R. W.** See Burton, Ian. 01242

**Kates, R. W.** See Burton, Ian. 01394


**Katz, Samuel.** See Carragan, William. 01528


**Kazmierczak, E.** See Ludwig, H. F. 00047


**Keech, C. F.** See Hyland, J. B. 00850


**Keighton, W. B.** See McCarthy, L. T., Jr. 00861


Kennedy, D. N. See Baumli, G. R. 00191


Kidder, E. H. See Wheaton, R. Z. 00108


Kilburn, Chabot. See Mundorff, M. J. 01283


Kingery, R. A. See Greenberg, Rima. 00675


Kirkham, Don. See Ligon, J. T. 00281

Kirkham, Don. See Kunze, R. J. 00283

Kirkham, Don. See Flannery, R. D. 00285

Kirkham, Don. See Zaslavsky, Dan. 00308


Kister, L. R. See Hardt, W. F. 01666

Kitamura, T. See Fujioka, Y. 00733

Kiyoshi, Mido. See Chun, R. Y. D. 00382


Klein, Howard. See Sherwood, C. B. 01878

Kloek, M. See Voisey, P. W. 01830


Koenigs, F. F. R. See Slager, S. 00277
Kohl, R. A.  See Cary, J. W. 01613


Koloseus, H. J.  See Rouse, Hunter. 00481

Komarov, V. D.  See Apollonov, B. A. 01739

Kondner, R. L.  See Schimming, B. B. 02128


Korven, H. C.  See Wilcox, J. C. 00017

Korven, H. C.  See Wilcox, J. C. 00021


Korver, J. A.  See Knox, J. B. 03012


Kovalevsky, V. S.  See Konoplyantsev, A. A. 00380


Kramer, H. P. See Kelso, F. S. 01668


Klaus, K. A. See Nelson, Frederick. 01737

Kraus, N. G. P. See Mann, F. L. 00922

Krenke, A. N. See Shumskiy, P. A. 02101


Krieger, R. A. See Hendrickson, G. E. 00551

Krieger, R. A. See Hembree, C. H. 00561


Kuchment, L. S. See Kalinin, G. P. 02207

Kuentzel, M. A. See Berwick, V. K. 01299

Kulander, B. R. See Corbett, R. G. 00460


Kunkel, Fred. See Pistrang, M. A. 00856

Kunze, G. W. Retention and movement of chemicals in a watershed as affected by clay and other soil properties, in Water quality and chemicals—industrial and


Kuper, H. W. See Van Eyden, W. A. A. 01324

Kuper, H. W. See Santema, P. 01326


Lane, C. W. See Petri, L. R. 00516


Langbein, W. B. See Thomson, M. T. 01883


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Langford, R. H. See Wilson, M. T. 00840

Langford, R. H. See Hahl, D. C. 00845

Langford, R. H. See Arnow, Ted. 02087

BIBLIOGRAPHY OF HYDROLOGY, 1964


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Lauderbach, Preston. See Cosaro, Gerald. 00063


Leach, S. D. See Kohout, F. A. 00805


Leffigat, E. R. See McAdoo, G. D. 00402


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Leopold, E. B. See Upson, J. E. 01838


Leopold, L. B. See Thomas, H. E. 00810

Leopold, L. B. See Langbein, W. B. 00981

LeRoy, G. M. See Wagner, R. J. 01570
80  BIBLIOGRAPHY OF HYDROLOGY, 1964


Levine, G. See Seginer, I. 00282

Levine, G. See Seginer, I. 02243


Lewis, G. B. See Seymour, A. H. 01945


Lichtler, W. F. See Klein, Howard. 01729


Lieber, Maxim. See Perlmutter, N. M. 00163


Likens, G. E. See Ragotzkie, R. A. 01003
BIBLIOGRAPHY


Linsley, R. K. See Crawford, N. H. 01448


Lisk, D. J. See Gutermann, W. H. 01444


Loelitz, O. J. See Cohen, Philip. 00895

Lofgren, B. E. See Davis, G. H. 00531


Long, A. T. See McAdoo, G. D. 00402


Long, D. C. See Moldenhauer, W. C. 01168

Long, D. E. See Allen, H. E. 00588

Long, D. E. See Noehre, A. W. 00589

Long, F. L. See Sparrow, G. N. 01834

Longyear, Judith. See White, W. B. 00631


82  BIBLIOGRAPHY OF HYDROLOGY, 1964

Lorius, C.  See Bauer, A. 01103


Lounsbury, R. E.  See Marcher, M. V. 00559


Low, P. F.  See Richards, L. A. 00300

Low, P. F.  See Young, Allen. 00729

Low, P. F.  See Mokady, R. S. 01156

Low, P. F.  See Oster, J. D. 01298

Low, P. F.  See Leonard, R. A. 02215

Lowder, W. M.  See Adams, J. A. S. 01347


Lucchesi, P. J.  See Carter, J. L. 00241


Lunin, Jesse.  See Bower, C. A. 01532

Luthin, J. N.  See Brutsaert, Wilfried. 00704
Luthin, James. See Schmid, Paul. 02242


Lyles, Leon. See Fanning, C. D. 00638

Lynch, M. P. See Harrison, W. 00475

Lynd, W. R. See Montgomery, M. M. 00045

Lynd, W. R. See Shane, R. M. 00791

Lyons, M. S. See O'Neill, A. L. 01543


Maasland, D. E. L. See Kemper, W. D. 01366

Maasland, D. E. L. See Kemper, W. D. 01615

Mabbutt, J. A. See Slatyer, R. O. 02009


Mack, Lawrence. See Kelso, M. M. 00873

Mack, Seymour. See Davis, G. H. 00531

Mackay, D. K. See Arnold, K. C. 01488


MacKenzie, A. J. See Meek, B. D. 00307

Maddock, Thomas, Jr. See Fahnstock, R. K. 00152


Magee, R. J. See Erinc, G. 01049

Maguire, F. J. See Doyel, W. W. 01331

Mahon, W. A. J. See Ellis, A. J. 01099


Malhoit, M. M. See Emery, P. A. 01575


Manganelli, R. M. See Haughey, F. J. 01342


Manolev, Lazar. See Haus, J. B. 01059

Marchello, J. M. See Muenz, K. 00626


Marcus, M. G. See Heusser, C. J. 01357


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Matthews, J. M. See Kelso, F. S. 01668


Maxey, G. B. See Domenico, P. A. 01580

Maxey, G. B. See Bredehoeft, J. D. 02181


May, H. G.  See  Page, L. V. 01135
May, V. J.  See  Allen, H. E. 00126
May, V. J.  See  Allen, H. E. 00591


McClelland, P. H.  See  Johnson, C. R. 01872
McCurg, J. O.  See  Fairchild, M. G. 02142
McClurkin, D. C.  See  Bennett, N. C. 01848


McDaniels, L. L.  See  Vandertulip, J. J. 00830
McDonald, H. R.  See  Horton, J. S. 00921

McGauhey, P. H. See Erlich, Harry. 02129

McGinnis, L. D. See Dudley, W. W., Jr. 00228


McHenry, J. R. See Kozachyn, John. 00085


McKelvey, J. G. See Milne, I. H. 01459

McLatchie, A. S. See Young, Allen. 00729

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McQueen, J. E.  See  Boyer, R. E. 01147


Meade, R. H.  See  Corliss, J. B. 00157

Medsker, L. L.  See  Jenkins, David. 01871


Meffley, R. W.  See  Illingworth, L. R. 01989


Megregian, Stephen.  See  Scarce, L. E. 00999


Meikle, R. L.  See  LaSala, A. M., Jr. 00985

Meikle, R. L.  See  Cushman, R. V. 01334


Mellen, F. F.  See  Bicker, A. R., Jr. 01334


Mendieta, H. B. See Irelan, Burdge.


Menkel, M. F. See Kritsky, S. N.


Meridith, E. W. See Menke, C. G.


Meron, Aharon. See Ludwig, H. F.


Meyer, H. E. See Adams, P. C.

Meyer, J. F. See Bretscher, M. M.

Michalko, Frank. See Carragan, William.


Mickelson, R. H. See Sandoval, F. M. 01611


Midgett, M. R. See Phibbs, E. J., Jr. 00989

Mido, K. W. See Chun, R. Y. D. 00774


Mikkelsen, T. T. See Smith, A. D. 00018

Miguel, J. P. See Leopold, L. B. 01767

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Miller, R. L. See Worley, D. P. 00186


Milligan, C. H. See Bagley, J. M. 01767

Milne, Margery.  See Milne, L. J. 02141

Milton, John.  See Ordway, S. H., Jr. 01244

Minckley, W. L.  See Tindall, D. R. 01216


Mink, J. F.  See Visher, F. N. 02107

Minke, J. G.  See Burford, A. E. 00459

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Mirynech, E.  See Terasmae, J. 01234


Mitchell, L. R.  See Chun, R. Y. D. 00774


Mohanrao, G. J.  See Folsom, T. R. 01725


Moldenhauer, W. C. See Schmidt, B. L. 01626

Monkman, J. L. See Bartlet, J. C. 01060


Moore, D. O. See Eakin, T. E. 00172

Moore, G. K. See Nyman, D. J. 01386


Moore, J. E. See Schoff, S. L. 02027


Morgan, H. M. See Walker, H. J. 01706


Morris, D. A. See Whitcomb, H. A. 02022


Morris, J. C. See Weber, W. J., Jr. 00442


Morris, J. C. See Weber, W. J., Jr. 01469

Morris, J. C. See Weber, W. J., Jr. 01477


Morris, J. M., Jr. See Gunnerson, C. G. 01644


Morse, E. K. See White, N. D. 01485

Mosley, J. C. See Thronson, R. E. 00189


Motts, W. S. See Dinwiddie, G. A. 00519


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Myers, B. N. See Alexander, W. H., Jr. 00828


Nakai, Nobuyuki. See Deevey, E. S., Jr. 01553


Navone, Remo. See Katz, Hyman. 00057


03034 Neely, B. L., Jr. Floods of 1962 in Mississippi: Mississippi Board Water Commissioners Bull. 64-6, 97 p., Dec. 1964.

Neff, E. L. See Robins, J. S. 01636


Nemerow, N. L. See Jackson, D. F. 01230


Nevo, Z. See Avnimelech, Y. 00296

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Newcome, Roy, Jr. See Lang, J. W. 03033


Nickless, G. See Pollard, F. H. 01738

Nielsen, D. R. See Biggar, J. W. 01157

Nielsen, J. M. See Nelson, J. L. 00411
Nieman, R. H.  See Gardner, W. R. 00812


Nishita, H.  See Essington, E. H. 00410

Niyomthai, Chaleo.  See Ackermann, N. L. 00938


Noehre, A. W.  See Ellis, D. W. 00586

Noehre, A. W.  See Ellis, D. W. 00587


Norton, A. D.  See Schweitzer, G. K. 01045


Nuzman, C. E.  See Winslow, J. D. 00755

Nyman, D. J.  See Criner, J. D. 00857


Odoom, S. See Lloyd, E. H. 00344


Osterberg, Charles. See Cutshall, Norman. 00627


Ouellette, Carole. See Stewart, G. W. 02030

Oulman, C. S. See Baumann, E. R. 00061


Overton, D. E. See Holtan, H. N. 00117

Overton, D. E. See Holtan, H. N. 00359


Owens, E. L. See Blosser, R. O. 01415

Ownbey, C. R. See Kehr, W. Q. 00965


<table>
<thead>
<tr>
<th>Entry</th>
<th>Author(s)</th>
<th>Title</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>01856</td>
<td>Parkhurst, J. D.; Garrison, W. E.</td>
<td>Whittier Narrows water reclamation plant</td>
<td>Civil Eng., v. 34, no. 9, p. 60–63, Sept. 1964.</td>
</tr>
</tbody>
</table>


Pattullo, June. See Osterberg, Charles. 01350


Pauszek, F. H. See Halberg, H. N. 00512

Pauszek, F. H. See Mack, F. K. 01358


Peary, William. See Osterberg, Charles. 01350

Pearson, C. A. See Collins, A. G. 00413
<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Title</th>
<th>Location/Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pearson, C. A.</td>
<td>See Hawkins, M. E.</td>
<td></td>
</tr>
<tr>
<td>Pearson, G. L.</td>
<td>See Chadwick, D. G.</td>
<td></td>
</tr>
<tr>
<td>Peck, A. J.</td>
<td>See Youngs, E. G.</td>
<td></td>
</tr>
<tr>
<td>Peck, E. L.</td>
<td>See Hely, A. G.</td>
<td></td>
</tr>
<tr>
<td>Peck, H. M.</td>
<td>See Nelson, P. F.</td>
<td></td>
</tr>
<tr>
<td>Perkins, R. W.</td>
<td>See Nelson, J. L.</td>
<td></td>
</tr>
<tr>
<td>Perlmutter, N. M.</td>
<td>See Lieber, Maxim</td>
<td></td>
</tr>
<tr>
<td>Peters, D. B.</td>
<td>See Kunze, R. J.</td>
<td></td>
</tr>
<tr>
<td>Petri, L. R.</td>
<td>See Jordan, P. R.</td>
<td></td>
</tr>
<tr>
<td>Petri, L. R.</td>
<td>See Powell, J. E.</td>
<td></td>
</tr>
<tr>
<td>Petri, L. R.</td>
<td>See Smith, R. O.</td>
<td></td>
</tr>
</tbody>
</table>


Poeder, B. C. See den Boef, G. 01906


Polzer, W. L. See Feth, J. H. 02123


Popov, O. V. See Koudelin, B. I. 00378

Porges, Ralph. See Mackenthun, K. M. 00422


Porter, L. K. See Kemper, W. D. 01366


Pratt, P. F. See Martin, J. P. 01158

Pré, H. L., Jr. See Page, L. V. 00564


Price, Don. See Marine, J. W. 00847


Price, R. W. See Haus, J. B. 01059


Putnam, A. A. See Flanigan, L. J. 01066


Qureshi, M. A. See Blench, Thomas. 00760


Rambow, C. A. Pollution study of a future tidal estuary: Water Pollution Control Federation Jour., v. 36, no. 4, p. 520–528, Apr. 1964.

Rand, M. C. See Jackson, D. F. 01230


Rantz, S. E. See Harris, E. E. 00522


Rao, B. S. See Subrahmanyam, V. P. 00329

Rao, D. B. See Platzman, G. W. 00713


Ratcliff, G. A. See Kilner, A. A. 01649

Ratzlaff, K. W. See Parker, G. G. 01320

Rauh, C. L. See White, N. D. 00972


Rawson, D. E. See Knox, J. B. 03012

Ray, H. A. See Young, L. E. 00154


Reddell, D. L. See Miller, W. D. 00095


Reed, J. E. See Halberg, H. N. 00859

Reed, J. E. See Bedinger, M. S. 01971


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Reeve, R. C. See Doering, E. J. 00289

Reeve, R. C. See McNeal, B. L. 01162

Reeves, R. D. See Welder, F. A. 00521


Reinhart, K. G. See Hornbeck, J. W. 00641


Reiniger, P. See Rubin, J. 01297


Render, F. W. See Scott, J. S. 00357

Renn, C. E. See O’Connor, J. T. 01868

Renn, C. E. See O’Connor, J. T. 02234


Resig, J. M. See Bandy, O. L. 01819

Resig, J. M. See Bandy, O. L. 01894

Resnick, S. D. See Cluff, C. B. 02189


Rhoades, E. D. See Gamble, M. D. 01457
02239 Richard, James. Water well industry concerned over "model law": Water Well Jour., v. 18, no. 4, p. 6, Apr. 1964.


Richards, M. M. See Nordenson, T. J. 01519

Richards, S. J. See Martin, J. P. 01158


Richards, T. L. See Munn, R. E. 01375


Richardson, E. V. See Harris, D. D. 00511

Richardson, E. V. See Stepanich, F. C. 01039


Richter, H. G. See Gillespie, A. S., Jr. 01651

Riddle, G. A. See Anderson, W. L. 00749


Ritson, E. B. See Mauchline, John. 01571

112 BIBLIOGRAPHY OF HYDROLOGY, 1964

Ritter, D. F.  See  Judson, Sheldon. 00725

Roach, A. W.  See  Silvey, J. K. G. 01849

01587  Robb, C. J.  Great London well of 1835:  Water Well Jour., v. 18, no. 8, p. 27, Aug. 1964.


Roberson, C. E.  See  Feth, J. H. 00518

Roberson, C. E.  See  Feth, J. H. 02123

Robertson, G. M.  See  Holmes, R. M. 01897

Robertson, J. B.  See  Wayman, C. H. 02256

Robillard, P.  See  Hopkins, J. W. 01918

Robinove, C. J.  See  Lohman, S. W. 01429


Robins, M. L.  See  Schroepfer, G. J. 00690

Robinson, G. B., Jr.  See  Carpenter, C. H. 00424


Robinson, T. W.  See  Horton, J. S. 00921

01429  Robison, T. M.  Occurrence and availability of ground water in Ohio County, West Virginia:  West Virginia Geol. and Econ. Survey Bull. 27, 57 p., 1964.

Roburn, J.  See  de Faubert Maunder, M. J. 01040

Rodgers, G. K.  See  Richards, T. L. 00996

Rodgers, G. K.  See  Cudbird, B. S. V. 01227


Rogers, S. M.  See  Feth, J. H. 00518

Rohlich, G. A.  See  Hanes, N. B. 00066

Rohlich, G. A.  See  Allen, M. M. 00448

Rohlich, G. A.  See  Fitzgerald, G. P. 00681

BIBLIOGRAPHY


Rojas, E. H. See Finlayson, D. J. 00257

Rojas, E. H. See Finlayson, D. J. 00973


Ropes, G. E. See Kresge, R. F. 00323


Rosa, J. M. See Storey, H. C. 01518


Rubenstein, S. H. See Scarce, L. E. 00999


Rubin, Meyer. See Rosen, A. A. 00811

Rubin, Meyer. See Upson, J. E. 01838

Rubinsky, Stanley. See Marshall, Nelson. 01755

Rucker, C. O. See Vandertulip, J. J. 00830

Ruedenberg, Klaus. See Edmiston, Clyde. 00576

Ruggles, F. H., Jr. See Edelen, G. W., Jr. 00577

Ruggles, F. H., Jr. See Edelen, G. W., Jr. 00578

Ruggles, F. H., Jr. See Edelen, G. W., Jr. 00579

Ruggles, F. H., Jr. See Edelen, G. W., Jr. 02012


Rush, F. E. See Everett, D. E. 01107


BIBLIOGRAPHY


Ryno, Takashi. See Hightower, R. C. 01277


Safadi, C. See Burdon, D. J. 01352


Salso, J. H. See Schoff, S. L. 01975

Samish, Y. See Koller, D. 01070


Sanders, J. E. See Klein, G. D. 01259


116  BIBLIOGRAPHY OF HYDROLOGY, 1964


Sangel, B. P.  See  Brebner, Arthur. 01274

Sanetma, P.  See  Van Eyden, W. A. A. 01324


Santos, J. F.  See  Travis, W. I. 01544


Sarles, W. B.  See  Hanes, N. B. 00066


Sayre, A. N.  See  Smith, W. O. 01968

Sayre, W. W.  See  Hubbell, D. W. 00766


Scarboro, G. F., Jr.  See  Fishman, M. J. 00073


Scherfig, J.  See  Ludwig, H. F. 01418
| Schiner, G. R. | See Hansen, A. J., Jr. 00935 |
| Schneider, P. A., Jr. | See Hershey, L. A. 00545 |
| Schneider, P. A., Jr. | See Smith, R. O. 02011 |
Schneider, Robert. See Schiner, G. R. 00542


Schoff, S. L. See Eakin, T. E. 00418


Schreiber, H. A. See Kincaid, D. R. 01363

Schroeder, M. C. See Klein, Howard. 01729


Schupp, R. G. See Feulner, A. J. 00170

Schutz, D. F. See Bolter, Ernst. 01741

Schwab, G. O. See Hoffman, G. J. 00119

Schwantje, Hans. See Cosaro, Gerald. 00063


Scott, C. H. See Mundorff, J. C. 02226

Scott, E. J. See Klute, A. 00309


Scott, R. H. Miniaturized dissolved oxygen field kit: Water Pollution Control Federation Jour., v. 36, no. 3, p. 342–344, Mar. 1964.

Scott, V. H. See Abu–Zied, M. A. 00795
Scott, V. H. See Sternberg, Y. M. 02158
Seiders, John. See Delay, W. H. 02010


Sellers, W. D. See Green, C. R. 00662


Semenov, S. M. See Konoplyantsev, A. A. 00380


Shaffer, E. W., Jr. See Eckfeldt, E. L. 00799
Shah, K. L. See Leonard, R. B. 00360
Shallenberger, L. K. See Greenkorn, R. A. 00919


Sharp, A. L. See Neuberger, J. W. 00077


Shata, A. See Drouhin, G. 01652


Shen, H. W. See Einstein, H. A. 00732


Shoup, A. L. See Allis, J. A. 01466

Shown, L. M. See Parker, G. G. 01320

Shrader, W. D. See Schmidt, B. L. 01626

BIBLIOGRAPHY


Shubeck, F. E. See Kingsley, Q. S. 00640

Shukry, A. See Saad, K. F. 01659

Shulits, Sam. See Herbich, J. B. 00796


Siddiqi, R. See Chaudhuri, N. 00055

Siddoway, F.H. See Armbrust, D. V. 01624


Sigler, W. F. See Workman, G. W. 02050

Silin–Bektchourin, A. See Bogomolov, G. 00369


Silver, W. S. See St. John, P. A. 01042


Simons, D. B. See Guy, H. P. 00137

Simons, D. B. See Stepanich, F. C. 01039

Simons, D. B. See Albertson, M. L. 01511


Sisco, H. G. See Walker, E. H. 02003


Skougstad, M. W. See Fishman, M. J. 00073

Skougstad, M. W. See Fishman, M. J. 01669

Skrinde, R. T. See Buescher, C. A. 00446

Skulberg, Olav. See Garder, Karen. 02195


Slaymaker, H. O.; Chorley, R. J. The vigil network system—observations on the establishment of benchmark hydrologic stations in small watersheds in the United States, together with suggestions for the establishment of similar sites in Great Britain: Jour. Hydrology [Amsterdam], v. 2, no. 1, p. 19-24, 1964.


Smirnov, K. I. See Wolffzoun, I. B. 01889


Smith, H. F., Jr. See Taylor, F. B. 01632


Sobel, M. J. See Thomann, R. V. 01852


Somayajulu, B. L. K. See Lal, D. 01097


Sonmor, L. G. See Hobbs, E. H. 00274

Souders, V. L. See Smith, F. A. 01683


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Spencer, C. W. See Upson, J. E. 00505

Spincer, D. See Pollard, F. H. 01738

Spindler, J. C. See Welch, E. B. 00452


Sprague, M. L. See Dugan, P. R. 00625


Sridurongkatum, Pachern. See Ackermann, N. L. 00793

BIBLIOGRAPHY


Staple, W. J. See Gupta, R. P. 01165


Steen, A. J. See Essington, E. H. 00410


Steinhardt, R. See Rubin, J. 01297

Steinhardt, R. See Rubin, J. 01388

Stenger, V. A. See Van Hall, C. E. 01405


Stephenson, D. A. See Domenico, P. A. 01580

Stephenson, D. A. See Domenico, P. A. 01990


00024 Stevens, H. H., Jr.; Dempster, G. R., Jr. An electric–powered vehicle for large river measurements: Civil Eng., v. 34, no. 6, p. 74, June 1964.

Stevens, P. R. See Cooley, M. E. 01484


Stockinger, K. R. See Doering, E. J. 00289

Stockinger, K. R. See Meek, B. D. 00307


Stout, G. E. See Huff, F. A. 01921


Street, R. L. See Watters, G. Z. 00775


Stuart, W. T. See Barnes, Ivan. 00509

Stuiver, M. See Deevey, E. S., Jr. 01553
Stuiver, Minze. See Deevey, E. S., Jr. 01892


Stulik, R. S. See White, N. D. 00972


Stulik, R. S. See White, N. D. 01485


Subramaniam, A. R. See Subrahmanyam, V. P. 00329


00453 Suess, M. J. ABS adsorption on soils: Water Pollution Control Federation Jour., v. 36, no. 11, p. 1393-1400, Nov. 1964.

Sukalac, P. G. See Hill, J. C. 02201

Summers, P. W. See Power, B. A. 01563


Sun, P-C. P. See Criner, J. H. 00857

Susag, R. H. See Schroepfer, G. J. 00690


Sutherland, S. M. See Doerr, A. H. 01792


00025 Svore, J. H. Sewage lagoons and man’s environment: Civil Eng., v. 34, no. 9, p. 54-56, Sept. 1964.


Swanson, R. H. See Bergen, J. D. 00902
Swanson, W. S. See Hemphill, L. 01153


Swartzendruber, Dale. See Gupta, R. P. 00301


Swinderman, J. N. See Cartwright, Keros. 01369


Tanner, C. B. See Willey, C. R. 01166


Tanski, Daniel. See Cushman, R. V. 00515


Tash, J. C. See Angino, E. E. 01453

Taylor, A. M. See Mauchline, John. 01218

Taylor, A. M. See Mauchline, John. 01571


Taylor, S. A. See Abdel-Aziz, M. H. 00083


Taylor, S. A. See Kijne, J. W. 01389

Taylor, S. A. See Cary, J. W. 01613


Templeton, W. L. See Mauchline, J. 01937


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Thews, J.-D. See Matthess, Georg. 00971


Thomas, D. M. See Bodhaine, G. L. 01252


Thomas, H. E. See Wilson, M. T. 01963


Thomas, M. P. See Cushman, R. V. 00515


Thomson, J. See Egan, H. 02119


Tice, R. H. See Thomas, D. M. 00932


Ting, Francis. See Swain, F. M. 00218


Todd, D. K. See Ho, Kuo–Toh. 00006


Tomlinson, H. D. See Kantawala, Deepak. 01402

Tongudai, M. See Riley, J. P. 01091


Trainer, F. W. See Cederstrom, D. J. 00563


Traver, F. D.; Bushman, F. X. Geology and ground water in the vicinity of Tucumcari, Quay County, New Mexico: New Mexico State Engineer Tech. Rept. 30, 178 p., 1964.


Truitt, N. E. See Russell, D. G. 00748

Trump, R. P. See Milne, I. H. 01459

Truxes, L. S. See Ward, P. E. 01368


Turekian, K. K. See Bolter, Ernst. 01741

Turk, L. J. See Davis, S. N. 02163


Twenter, F. R. See Stulik, R. S. 00858


BIBLIOGRAPHY 135


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138 BIBLIOGRAPHY OF HYDROLOGY, 1964


Valantine, V. E. See Fowler, L. C. 00379

Valdes, Remigio. See Levi, Enzo. 00353


Van Bavel, C. H. M.  See Reginato, R. J. 01163

van de Cappelle, G. L.  See Janssens, A. A. 01901


van Everdingen, R. O.  See Scott, J. S. 00874


Van Eyden, W. A. A.  See Santema, P. 01326


Van Schilfgaarde, J.  See Snell, A. W. 01845

Van Uden, N.  See Taysi, I. 00365


Vanesche, H. L.  See Voege, F. A. 01671


BIBLIOGRAPHY

Vas, S. F.  See Jaselskis, Bruno. 00798


Vaudrey, W. C.  See Hoffard, S. H. 00216


Venteris, Gunta.  See Swain, F. M. 00218


Vickers, T. J.  See Winefordner, J. D. 00797

Vicor, Mockus.  See Ogrosky, H. O. 02071


Voress, H. E.  See Davis, T. F. 00409


Walker, P. H. See Smith, A. D. 00018


Wallace, J. R. See Emmett, W. W. 00792

Walker, R. M. See Cederstrom, D. J. 00563

Wallis, J. R. See Bowden, K. L. 02179
Walters, J. V.  See  Black, A. P. 01470


Wark, J. W.  See  Meyer, Gerald. 02224


Wasson, B. E.  See  Harvey, E. J. 03029


03024 Water Well Journal. ABS—the "hard" way to go: Water Well Jour., v. 18, no. 7, p. 8–9, July 1964.

Waters, C. J. See Collins, A. G. 00413


Watts, R. R. See Getz, M. E. 01905


Wayman, C. H. See Kahn, Lloyd. 01482


Weaver, Leo. See Floyd, E. P. 01930


00642 Webber, L. R. Soil physical properties and erosion control: Jour. Soil and Water Conserv., v. 19, no. 1, p. 28–30, Jan.–Feb. 1964.


Weber, E. M. See Tyson, H. N., Jr. 00777


Weber, W. J., Jr. See Morris, J. C. 00696


Weise, Ursula. See Greenberg, Rima. 00675


Welch, E. B.; Spindler, J. C. DDT persistence and its effect on aquatic insects and fish after an aerial application: Water Pollution Control Federation Jour., v. 36, no. 10, p. 1285-1292, Oct. 1964.


Weller, Mary. See Enz, R. W. 01808


Whetstone, G. W. See Knowles, D. B. 00514
Whisler, Elmer. See Ludwig, H. F. 00112

Whisler, F. D. See Klute, A. 00309


White, D. P. See Krumbach, A. W., Jr. 01617


White, W. A. See Bredehoeft, J. D. 02181


Wiersma, Dan. See Turner, R. 01601


Wilcox, J. C. See Korven, H. C. 00022

Wilder, H. B. See Harris, W. H. 01454


Williams, J. W. See Blair, J. E. 00238


Wilson, A. L. See Tetlow, J. A. 01054

Wilson, A. L. See Webber, H. M. 02257


Wilson, H. D., Jr. See Dale, R. H. 00570


Wilson, M. T. See Arnow, Ted. 02087

Wilson, R. H. See Foster, R. F. 02072


Winefordner, J. D. See St. John, P. A. 01042

Winger, R. J., Jr. See Dumm, L. D. 01844

Winget, C. H. See Kozlowski, T. T. 01881

Winner, M. D., Jr. See Morgan, C. O. 00496


Winslow, J. D. See Brocker, M. E. 00754


Wintner, Irmgard. See O'Connor, J. T. 02234

Wire, J. C. See Krinitzsky, E. L. 02211


Wolff, J. B. See Linaweaver, F. P., Jr. 01875

Wolman, M. G. See Leopold, L. B. 00672


Wood, M. R. See Sheen, E. M. 01336


Woodburn, Russell. See Bertrand, A. R. 00649

Wooding, R. A. See Henderson, F. M. 00708


Woods, P. C. See Orlob, G. T. 00756


Woodward, R. L. See Weibel, S. R. 00444


Woolson, E. A. See Hoffman, W. M. 01063


Wyberman, T. A. See Allen, H. E. 00590


Yates, D. J. C. See Carter, J. L. 00241

Yen, Ben-Chie. See Brush, L. M., Jr. 00034


Yoe, J. H. See Pike, LeRoy. 01051

Yoshioka, G. A. See Mather, J. R. 01920

Yost, I. D. See Baker, R. C. 00547


Young, K. B. See Holt, C. L. R., Jr. 03010


Zajicek, V. See Knezek, M. 01437


Ziegler, V. E. See Hoisveen, M. W. 01118


Zotikov, I. A. See Shumskiy, P. A. 02101


INDEX

[The numbers refer to entries in the bibliography]

Africa

Northern
Artesian basins: Drouhin, G. 01652

Agriculture

Land drainage
Analytic solution for Peterson's equations for well spacing: Hantush, M. S. 00038
Bladen soil, Atlantic coast region: Sparrow, G. N. 01834
Comparison of steady-state drain spacing formulas of Hooghoudt and Kirkham: Wesseling, J. 01896
Copper distribution patterns in central Chile: deGrys, Ann. 01597
Design of drains above impervious layer: List, E. J. 00722
Eastern United States and Canada, general discussion: Gain, E. W. 01862
Economic evaluation: Menz, J. A. 01626
Effect of using continually submerged drains on drain spacings: Wesseling, J. 01439
Falling water table between open ditches: Ligon, J. T. 00281
Glacial till soil, New England: Bornstein, Joseph. 00103
Ground-water hydraulics, transient-flow concept: Dumm, L. D. 01835
Hydraulic characteristics of glass-fiber filter material: Shull, Hollis. 00109
Hydraulic conductivity determination: Zaslavsky, Dan. 00308
Methods of approximating water-table fall: Kirkham, Don. 01390
Organic terrain: Ayers, H. D. 00197
Relation of capillary pressure, air permeability, and moisture content to drain design: Brooks, R. H. 01278
Sloping lands: Schmid, Paul. 02242
Spacing of drains by an approximate method: Dagan, Gideon. 01860
Subdrainage in heavy soils: Fukuda, Hitoshi. 00287
Tile depth and spacing: Hammad, H. Y. 00042
Tile spacing prediction based on drain outflow: Hoffman, G. J. 00119
Vertical drainage rates: Fujioka, Y. 00733
Waterlogging and salinity, West Pakistan: Harvard Water Resources Group. 01502
Waterlogging and salinity, West Pakistan: White House-Department of Interior. 01022
Water-table fluctuations: Dagan, Gideon. 01290

Leaching requirements
Effects of high-water tables: Kelley, W. P. 01899
General discussion: Bower, C. A. 01532

Pollution
Chemicals in soils: Kunze, G. W. 01263

Soil and water conservation
Effects of organic trenching: Kingsley, Q. S. 00640
Techniques: Stephens, Uel. 01646

Agriculture

Soil and water management
Evaluation of soil ripping and soil pitting, semiarid Southwest: Hickey, W. C., Jr. 00317
General discussion: Ogrosky, H. O. 02071
Practices in Hungary: Erodi, B. 00318

Water use
Catchment area development for stock water: Brehm, C. D. 01895
Dams and irrigation system in subhumid area: Soderberg, A. D. 00040
Effects on water budget: Dreibelbis, F. R. 00724
World development, general discussion: Greenshields, E. L. 01531

Alabama
Bayou La Batre
Channel improvement project: U.S. Army Corps of Engineers. 01818

Franklin County
Ground water, Russellville area: Peace, R. R., Jr. 02235

Ground water
Levels, 1959-1960: O'Rear, D. M. 01846
Ground-water quality: Powell, W. J. 02056

North-central
Reservoir temperatures: Peirce, L. B. 01847

Northern
Pesticide study: Nicholson, H. P. 01219

Northwestern
Low-flow characteristics of streams: Speer, P. R. 02019

Precipitation
Distribution by months: Long, A. R. 00250

Russell County
Ground water: Scott, J. C. 00086

Surface water
Temperature of streams: Ayret, J. R. 00088
Water-level fluctuations: Powell, W. J. 02056

Alaska
Anchorage area
Ground water: Cederstrom, D. J. 00563
Ground water, effects of increased pumping: Waller, R. M. 01213

Bethel
Ground water, chemical quality: Feulner, A. J. 00170

Glaciers
Terminal position changes since 1750: Miller, M. M. 01031

Ground water
Occurrence in permafrost areas: Tisdal, F. W. 00089
Shallow supplies, development, galleries: Feulner, A. J. 00867

Hydrologic data
Networks: Freeman, T. G. 00904

Juneau Ice Field
Climate-glacier studies: Marcus, M. G. 00667

Kuskokwim River basin
River basin development needs: U.S. Army Corps of Engineers. 01545
Alaska
Rampart Dam
Maximum probable flood, spillway design: Duncan, W. W. 00953

Seward area
Ground-water conditions and effects of earthquake: Shannon and Wilson, Inc. 00628

Southern
Flood magnitude and frequency, south of Yukon River: Berwick, V. K. 01299

Statewide

Valdez district
Engineering problems: Migliaccio, R. R. 01987

Water management: Altar, A. J. 02089

Water resources
Summary: Waananen, A. O. 01188

Yukon Flats watershed
Research, interdisciplinary: Pewe, T. L. 01839

Yukon River basin
Rampart Dam and Reservoir: Pewe, T. L. 01839

River basin development needs: U.S. Army Corps of Engineers. 01545

Alberta
Northern
Landslides, Meikle River valley: Nasmith, Hugh. 01269

River–basin planning and development
Prairie Provinces Water Board: Raby, Stewart. 00802

Antarctica
Lakes
Lake Bonney, physicochemical limnology: Angino, E. E. 01453

Lake Bonney, temperature: Shirtcliffe, T. G. L. 00721

Lake Bonney, temperature: Shirtcliffe, T. G. L. 01314

Lakes Bonney and Vanda, heat balance: Ragotzkie, R. A. 01003

Precipitation
Snow Pb210 chronology: Crozaz, G. 00719

Snow accumulation

Wilkes Island: Black, H. P. 00339

Snow facies: Giovinetto, M. B. 02053

Appalachians
Development
Congressional hearings, Appalachian Regional Development Act of 1964: U.S. Congress, House. 01926

Aquifer tests
Alluvium
Mississippi River flood plain, electric analog model: Schicht, R. J. 00980

Stream hydraulically connected to aquifer: Walton, W. C. 01879

Aquifer tests
Alluvium
Winnipeg and Brandon map-areas, Manitoba: Charron, J. E. 01327

Artesian aquifers
Modified solution for decreasing discharge wells: Abu-Zied, M. A. 00795

Comprehensive discussion
Hydraulics of wells: Hantush, M. S. 01777

Cone-of-depression
Exact theory for shape, semi-confined aquifer: Kirkham, Don. 00714

Data analysis
Netherlands, southwestern: Van Eyden, W. A. A. 01324

Pumping well near impermeable barrier: Saad, K. P. 01659

Streambed infiltration rate: Walton, W. C. 01879

Drawdown
Computations for Fountain Valley, Colorado: Jenkins, E. D. 00201

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Formula: Hantush, M. S. 00728

Flow distribution
Current meter–data analysis: Leve, G. W. 01863

Fractured rock
Results, South Africa: Enslin, J. F. 00372

Heterogeneous aquifers
Problems determining permeability and storage: Rasmussen, W. C. 00375

Permeability
Field methods for determining vertical permeability: Weeks, E. P. 01981

Pumping
Transmissibility in fractured aquifers: Lewis, D. C. 01654

Slug test
Determination of permeability: Ho, Kuo-Toh. 00006

Transmissibility
Examination from routine production tests: Logan, John. 02165

Argentina
Bahia Blanca
Thermal artesian water: Schoff, S. L. 01975

Arizona
Apache County, central
Ground water: Akers, J. P. 00542

Beaver Creek watershed
Economic evaluation procedure: Worley, D. P. 00186

Central Arizona project
General discussion: Kelly, Tim. 01483

Climate
Comprehensive report: Green, C. R. 00662

Coconino County
Blowholes and blowing wells: Lamar, D. L. 00926

Colorado River area
Land use plan: U.S. Lower Colorado River. 02251

Water resources appraisal: Hely, A. G. 01305
Arizona
Flagstaff-Wupatki area
  Blowhole system: Lamar, D. L. 00926
Gila River basin
  Flood control project, Indian Bend Wash: U.S. Army Corps of Engineers. 01179
Glen Canyon Dam
  General discussion, physical data: Rusho, W. L. 01667
Ground water
  Annual report, spring 1963 to spring 1964: White, N. D. 01485
Little Colorado River
  Flood control project near Winslow: U.S. Army Corps of Engineers. 01189
Maricopa County
  Ground water, Luke area: Stulik, R. S. 00858
  Ground water, Salt River Valley: White, N. D. 00972
  Ground water changes 1954-63, lower Harquahala Plains: Stulik, R. S. 00974
McMullen Valley
  Ground water: Kam, William. 00538
Navajo and Hopi Indian Reservations
  Ground water data: Cooley, M. E. 01484
Pinal County
  Ground water, Gila River Valley: White, N. D. 00972
  Ground water data, western part: Hardt, W. F. 01666
Salt River project
  Economics: Kelso, M. M. 00873
Snow survey measurements
  Summary, 1938-1964: Enz, R. W. 01808
Surface water
  Intermittent streams, fish survival: John, K. R. 01703
Verde-Salt watershed
  Rehabilitation program: McMullin, R. J. 00871
Water resources
  Planning: Pinkerton, K. C. 00870
Water supply
  Plan for Colorado River: Stout, O. C. 00457
Water use
  Mineral industries: Gilkey, M. M. 00412
Williams
  Municipal water supply problems: Larson, Ray. 00872
Arkansas
Arkansas River valley, lower
  Ground water: Bedinger, M. S. 00543
Bradley County
  Ground water: Albin, D. R. 00849
Calhoun County
  Ground water: Albin, D. R. 00849
Carritzo Sand
  Aquifer potential: Hosman, R. L. 01976
Eastern, vicinity of U.S. Highway 70
  Ground water: Halberg, H. N. 00859
Grand Prairie region
  Hydrogeology: Sniegocki, R. T. 00529
Arkansas Bayou
  Maniece Bayou
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Municipal water supplies
  Availability for industry: Mack, L. E. 00663
Ouachita County
  Ground water: Albin, D. R. 00849
South-central
  Ground water: the Carrizo Sand: Hosman, R. L. 01976
Arkansas-Red River basins
  Water quality
  Conservation: U.S. Public Health Service. 03002
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Northern Victoria
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Ground water: Thronson, R. E. 00189
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Land use plan: U.S. Lower Colorado River. 02251

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Hydrologic reconnaissance of Furnace Creek Wash area: Pistrang, M. A. 00856

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Feasibility investigation: California Dept. Water Resources. 01829

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Channel trenching, history and causes: Bull, W. B. 00130
Geomorphology, segmented alluvial fans: Bull, W. B. 00030
Subsidence: Bull, W. B. 00502

*Ground water*

Resources and management: Willets, D. B. 00313

*Ground-water quality*

Crop damage by lithium: Ashe, H. J. 01398

*Huntington Lake*

Precipitation, Kings River runoff relations: Barnes, S. M. 01272

*Hydrology*


*Inyo County*

Springs. Argus Mountains area: Patchick, P. F. 00978

*Kern County*

Ground water, declining water levels, Edison–Maricopa area: Wood, P. R. 00928

*Klamath River basin*

Water resources: California Dept. Water Resources. 01870

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*Laguna Beach*

Foraminiferal trends related to waste outfall: Bandy, O. L. 01819

*Lahontan region*

Ground water: California Dept. Water Resources. 01072

*Lake County*

Sedimentation of Lake Pillsbury: Porterfield, George. 00532

*Lake Tahoe*

Waste disposal effects on the Lake: Ludwig, H. F. 00047

*Lake Wohlford*

Effect of air bubbling: Kobreg. G. E. 00175

*Livermore Valley*

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*Los Angeles*

Baldwin Hills Dam failure: Jessup, W. E. 01446
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Concepts and techniques for the most efficient and economical utilization plan: Chun, R. Y. D. 00774

*Los Angeles County*

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Pollution study of proposed Dominguez Channel: Rambow, C. A. 01343
Water re-use: Parkhurst, J. D. 01535
Well development, Vernon: Williams, J. W. 01709

*Lost River system*

Water quality management study: Orlob, G. T. 00756

*Madera area*

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*Manhattan Beach*

Study of sand deposition: Duncan, J. R., Jr. 00392

*Mariaposa County*

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*Mt. Shasta City–Dunsmuir area*

Water resources: California Dept. Water Resources. 01276

*Northeastern*

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INDEX

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Northern
Optimum discharge related to king salmon spawning: Rantz, S. E. 01215
Surface-water hydrology, coastal basins: Rantz, S. E. 01212
Water industry: Resources for the Future, 02025
Water resources, North Coastal area: Baumli, G. R. 00191

Northern and central
Ground-water conditions, 1960-61: California Dept. Water Resources. 01983
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Water development plan: California Dept. Water Resources. 00258

Placer County
Hydrologic balance from an experimental watershed: Lewis, D. C. 00354

Pollution control
State legislation: California State Assembly. 02132

Precipitation
Chemical composition, Menlo Park area: Whitehead, H. C. 00720

Putah-Cache Creeks basin
Land and water use: California Dept. Water Resources. 01286

Radioactivity
Fallout: Kruger, Paul. 00705

Reservoirs
Multiple use, public health aspects: Ongerth, H. J. 01472

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State financial assistance to local water development: California State Assembly. 01283
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Land and water use: Finlayson, D. J. 00973

Sacramento County
Ground-water quality, Folsom-East Sacramento area: Lunch, R. C. 00001

Sacramento River
Dissolved oxygen: Gunnerson, C. G. 00678
Plankton: Greenberg, A. E. 01702

Salton Sea area
Water resources appraisal: Hely, A. G. 01305

San Diego County
Flood hazard investigation: Hightower, R. C. 01277
Flood inundation mapping: Young, L. E. 00154
Multipurpose reservoirs: Graham, R. E. 01536

San Joaquin Valley
Ground water: Dale, R. H. 00570

California

San Joaquin Valley
Ground water: Davis, G. H. 00531
Oil-field brines, disposal: Morris, J. M., Jr. 00396
Surface-water storage in ground-water reservoirs: Davis, G. H. 00531

Santa Barbara County
Ground water, San Antonio Creek valley: Muir, K. S. 00537

Santa Clara County, Permanente Creek
Urban growth and streamflow regimen: Harris, E. E. 00522

Sierra Nevada
Geochemistry, ground water: Feth, J. H. 02123
Logging effects on soil moisture: Zieler, R. R. 00701

Siskiyou County
Water resources, Shasta Valley: Fairchild, M. G. 02142

Soil and water conservation
Comprehensive planning: Ludwig, H. F. 00112

Southern

Computers for water management: Chun, R. Y. D. 00382
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State water project
Progress report, 1963: Go'ze, A. R. 02099
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Status, 1964: MacRostie, Wayne. 01261

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Artesian-pressure decline on confined aquifers: Green, J. H. 01796
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Surface-water quality
Radioactivity, July-December 1963: California Dept. Public Health. 02110

Trinity County
Water supply, Ewing project: California Dept. Water Resources. 00187

Trinity River basin
Land and water use: California Dept. Water Resources. 01832

Waste disposal
Effect on kelp: California University. 01809
Sewerage enabling acts: California Water Quality Control. 02185

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Ground water: Krieger, J. H. 00023
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Water use
Manufacturing industries, 1957–59: Wagner, R. J. 01570

West-side conveyance system
Excavation by nuclear explosives, feasibility: Keysor, J. W. 00920

Whittier Narrows
Water reclamation plant: Parkhurst, J. D. 01856

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United States and Canada, prairie region: Thompson, M. W. 02145

Central
String bogs, distribution: Knollenberg, Robert. 01698

Columbia River basin
Hydrologic network: Hunter, H. I. 00903

Fraser River
Tropospheric circulation relation to floods: Bruce, J. P. 00901

Great Plains
Snow survey and climatological measurements, relationships: McKay, G. A. 00958

Ground water
Alaskan earthquake's effects on water levels: Scott, J. S. 00357
An undeveloped resource: Brown, I. C. 01491

Keeewatin, Hudson Bay district
Sedimentation: Leslie, R. J. 00010

Lakes
Limnology, Great Bear, Great Slave, Athabaska, and Winnipeg Lakes: Larkin, P. A. 00676

Muskeg
Hydrologic problems: Ayers, H. D. 00197

Prairie Provinces
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Precipitation—water vapor relationship: Bruce, J. P. 01710

St. John River
Flood forecasting: Cuthbertson, W. B. 00080

Sunwapta River
Glacial stream discharge: Mathews, W. H. 01330
Sediment yield of Athabasca Glacier: Mathews, W. H. 01364

Surface—water quality
Major drainage basins: Thomas, J. F. J. 01712

Canada

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Water use
Water power: Engineering Journal. 01750

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Alluvial
Braided deposits: Ore, H. T. 00469
Control structures, sand–bed channels: Stepanich, F. C. 01039

Canals
Chemical sealants and seepage: Willson, R. J. 00107

Changes during flood
Scour and fill in sand–bed streams: Colby, B. R. 00057

Entrenchment
History and causes, California, Fresno County: Bull, W. B. 02136

Erosion
Critical tractive forces during intense rainfall: Smerdon, E. T. 00115
General discussion: Gottschalk, L. C. 01516
Gully development: Tuckfield, C. G. 01037
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Geometry
Relation to flood frequency: Kilpatrick, F. A. 00134
River channels: Langbein, W. B. 00765

Modification
River regulation: Mamak, Wiktor. 01807

Morphology
Bank erosion, Colville River, Alaska: Walker, H. J. 01706
Bed forms and flow phenomena: Fahnstock, R. K. 00152
Channel processes, model studies: Rzhanitsyn, N. A. 01949
Stable slopes for floodway: Ishihata, T. 00145
Uniformly distributed rate of energy expenditure: Langbein, W. B. 00981

Stabilization
Hydraulic aspects, Arkansas River: Petersen, M. S. 01036

Vegetated
Hydraulic resistance relationships for surface flows: Fenzl, R. N. 00105

Chesapeake Bay region
Chesapeake Bay bridge and tunnel crossing
Attempts to locate fresh water: Halms, E. E., Jr. 01406

Surface—water quality
Zinc concentrations: O'Connor, J. T. 02234

Chile
Arica area
Ground water: Doyel, W. W. 00146
Rivers
Copper distribution patterns: deGrys, Ann. 01597

Santiago area
Ground water: Doyel, W. W. 00145
INDEX

Chile
Tierra del Fuego
Ground water, artesian aquifer: Doyel, W. W. 00156

Clay
Analysis
Density gradient separation method: Lammers, W. T. 01555

Bentonite membranes
Semi-permeability to brines: Milne, I. H. 01459

Cation–exchange constants
Electrochemical measurements: Hanshaw, B. B. 00656

Clay–water systems
Conductance: Gast, R. G. 00654
Gelation effect on water: Leonard, R. A. 02215
Heat capacities: Oster, J. D. 01298

Desiccation
Mud cracks, formation, salinity effects: Dow, W. G. 01089

Geochemistry
Permeability blocking: Jones, F. O., Jr. 00738

Ion exchange
Wash solvents, effects on cation–exchange capacity measurements: Frink, C. R. 01622

Kaolinite
Ground–water formation: Shelton, J. W. 01257
Hydroxyl groups, exchangeability: Halevy, E. 01098

Mineral assemblages
Coastal Plain surface water: Heron, S. D., Jr. 00823

Mobility of ions
Clay–water systems: Gast, R. G. 00654

Montmorillonite
Ionic diffusion, exchange rates, measurement: Brown, T. E. 00158

Osmotic effects
Salt sieving: Lagerwerff, J. V. 01621

Permeability
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Measurement: Young, Allen. 00729

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ABS: Wayman, C. H. 02256
Organic acids, aqueous solution: Hemphill, L. 01153
Radionuclides from river water: Garder, Karen. 02195
Salt sieving by fluid flow: Kemper, W. D. 01615

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Base–exchange capacity and mineralogy: Kennedy, V. C. 01268

Turbidity
Removal with ferric sulfate: Black, A. P. 01470

Clay
Volume changes
Unsaturated zone, severe moisture or temperature conditions: Hamilton, J. J. 00014

Water content
Influence of compaction, review: Meade, R. H. 00149

Water mobility
Near mineral surfaces: Kemper, W. D. 01366

Weathering and transport
Wyoming, Cheyenne River basin: Rolfe, B. N. 00657

Climatology
Classifications
Koppen and early Thornthwaite systems in Oklahoma: Doerr, A. H. 01792

Climatic changes
Glacier response, geophysics: Kamb, Barclay. 01127

United States, Southwest: Malde, H. E. 00397

Data
Availability through Weather Bureau: Carter, H. S. 00078

Energy balance
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Juneau Ice Field, Alaska: Marcus, M. G. 00667

Measurements
Relationships to snow survey: McKay, G. A. 00958

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Water balance
Data for Europe: Mather, J. R. 00836

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Data, United States: Mather, J. R. 00959

Weathering
Clay mineralogy, stream sediment: Kennedy, V. C. 01268

Colorado
Adams County
Ground water: South Platte River basin: Smith, R. O. 02011

Ground–water planning, South Adams County: Vaseen, V. A. 00458

Rocky Mountain Arsenal, disposal well: Scopel, L. J. 01680

Water resources, Prospect Valley area: Skinner, M. M. 02140

Arkansas River valley, Otero and Bent Counties
Hydrology and ground–water regime: Moulder, E. A. 00376

Cache la Poudre River basin, lower
Ground water: Hershey, L. A. 00545

Cheyenne County
Ground water: Boettcher, A. J. 02002
Colorado

Denver Basin
Ground-water data: McConaghy, J. A. 00986

Eagle County
Ruedi dam and reservoir, evaluation of proposed site: Newton, W. A. 00622

Forest zone
Snow evaporation, energy approach: Bergen, J. D. 00902

Fountain and Jimmy Camp Valleys
Ground water: Jenkins, E. D. 02020

Fremont County
Ground-water data: McGovern, H. E. 00028

Kiowa County
Ground water: Boettcher, A. J. 02002

Kiowa Creek basin
Fluvial sediment: Mundorff, J. C. 00866

Larimer County
Ground water: Hershey, L. A. 00545

Northeastern
Ground-water data: Weist, W. G., Jr. 00027

Northern
Limnology of 52 lakes: Patalas, Kaimierz. 01288

Pueblo County
Ground-water data: McGovern, H. E. 00028

Rocky Mountains
Snow evaporation, energy approach: Bergen, J. D. 00902

Washington County
Ground water: McGovern, H. E. 00565

Water resources
Summary: Odell, J. W. 00838

Weld County
Ground water: Hershey, L. A. 00545

Ground water, South Platte River basin: Smith, R. O. 02011

Water resources, Prospect Valley area: Skinner, M. M. 02140

Well records: McConaghy, J. A. 02059

Yuma County
Ground water: Weist, W. G., Jr. 02014

Cobrado Plateau
Geomorphology
Incised, wind-aligned stream patterns: Stokes, W. L. 00100

Colorado River
California
Annual report, 1963–64: Colorado River Board of California. 00026

Development
Commission report, 1964: Head, I. P. 00202

Plan to supply Arizona: Stout, O. C. 00457

Lower
Water resources appraisal: Hely, A. G. 01305

Storage project
Outline: U.S. Bureau of Reclamation. 01798

Supreme Court decree
Brief review, Arizona vs. California: Haber, David. 01443

Upper
Planning and development, 1964 annual report: Upper Colorado River Commission. 00275

Colorado River
Upper
Water resources, basic data: Iorns, W. V. 01008

Water use
Central Arizona project: Kelly, Tim. 01483

Colorado River basin
Development
Pacific Southwest water problems: California State Assembly. 02184

Lower
Land and water resources development plan: U.S. Lower Colorado River. 02251

Surface–water quality
Radioactivity, 1950–63: Wruble, D. T. 01933


Columbia River
Hanford, Washington
Variations in elemental concentrations: Silker, W. B. 01223

Radionuclides
Coastal waters, 1961–63: Seymour, A. H. 01945

Radionuclides in sediments
Summary of studies, 1963–64: Nelson, J. L. 00411

Transfers of water
Resources for the Future. 02025

Washington
Radiological conditions, near Hanford, 1963: Foster, R. F. 02072

Columbia River basin
Clark County, Washington
Major alluvial aquifer: Mundorff, M. J. 00524

Development
Columbia basin project: U.S. Bureau of Reclamation. 01582

Lower
Flood magnitude and frequency: Hulsing, Harry. 01251

Upper
Columbia River Treaty and Protocol Agreement: Sewell, W. R. D. 00993

Flood magnitude and frequency: Bodhaine, G. L. 01252


Water resources development
Water management planning: Towne, W. W. 00440

Conferences
Alaskan Science Conference, 14th
Anchorage, 1963: Dahlgren, George. 02075

Wealth from watersheds: Arizona Water Resources Committee. 00868

Deltaic areas' development


Eastern Snow Conference, 1961
Utica, New York: Eastern Snow Conference. 00875
INDEX

Conferences
Forest Watershed Management Symposium
Corvallis, Oregon, 1963: Society of American Foresters. 01690
Great Lakes Research, 7th
Toronto, Canada, April 6–7, 1964: Michigan University. 01001
Industrial Waste Conference, 18th
Lafayette, 1963: Purdue University. 02057
Interstate Comm. Potomac River Basin
Spring meeting, 1964: Interstate Comm. Potomac River Basin. 02134
Winter meeting, 1964: Interstate Comm. Potomac River Basin. 02133
Natural radiation environment
Nevada Water Conference, 18th
Carson City, Sept. 1964: Nevada Dept. Conserv. 02143
Oregon
State Water Resources Conference: Oregon Water Resources Board, 03027
Willamette River Basin Committee: Oregon Water Resources Board. 03027
Plowshare Symposium, 3d
Pollution
International Conference on Water Pollution Research, 1962: Eckenfelder, W. W. 01024
International Conference on Water Pollution Research, 1962: Pearson, E. A. 02097
International Conference on Water Pollution Research, 1962: Southgate, B. A. 01025
River basin planning
Organization and development: Kindsvater, C. E. 01100
Sanitary and Water Resources Engineering
Nashville, Tenn., May 1964: Krenkel, P. A. 01340
Surfactant behavior
Kendall Award Symposium, Philadelphia, 1964: American Chemical Society. 00246
Water for Texas Conference
College Station, 1964, water quality and chemicals: Texas A and M University. 00473
Water resources, use and management
Australia, 1963: Australian Academy of Science. 01300
West Virginia
Water Research Symposium, 1963: Dodson, C. L. 01785
Western Resources Conference, 5th
Colorado State University, 1963: McNickle, R. K. 01787
Western Snow Conference
Nelson, British Columbia, 1964: Western Snow Conference. 00493
Western Water Law Symposium
Los Angeles, Calif., 1963: Dickenson, R. W. 01804

Connecticut
Coastal area
Postglacial sea–level change, New Haven harbor: Upson, J. E. 01838
Stratford area, interim hurricane survey: U.S. Army Corps of Engineers. 01384

Hartford County
Bristol–Plainville–Southington area, ground water: LaSala, A. M., Jr. 01255
Bristol–Plainville–Southington area, ground-water data: LaSala, A. M., Jr. 00985
Farmington–Granby area, ground water: Randall, A. D. 00536
Farmington–Granby area, ground–water data: Randall, A. D. 01855
Hartford–New Britain area, water resources: Cushman, R. V. 00515
Housatonic River basin
Flood protection project: U.S. Army Corps of Engineers. 01180
North–central
Ground water: Cushman, R. V. 00555
Ground–water data: Cushman, R. V. 01867

Cumberland and Tennessee River basins
Flood magnitude and frequency: Speer, P. R. 02029
Surface water

Czechoslovakia
Elbe River
Variability of average discharge: Urban, Jaroslav. 01634
Precipitation
Variability: Petrlik, Jaroslav. 00322

Dams
Grouting
Evaluation, unit take concept: Grant, L. F. 01540
Modern alluvial methods: Fabregue, H. 01539
Oroville Dam, test grouting: O'Neill, A. L. 01543
Round Butte Dam, geologic influence: Campbell, D. G. 01538
Spillway design
Large structures, adequate data: Snyder, F. F. 00771
Large structures, limited data: Koelzer, V. A. 00769
Small structures, limited data: Ogrosky, H. O. 00770

Delaware
Bethany Beach area
Hydrologic and soils map: Boggess, D. H. 00613
Clayton area
Hydrologic and soils map: damns, J. K. 00584
Delaware

**Dover quadrangle**
Hydrologic and soils map: Adams, J. K. 00125

**Ellendale quadrangle**
Hydrologic and soils map: Adams, J. K. 00597

**Frankford area**
Hydrologic and soils map: Adams, J. K. 00611

**Georgetown quadrangle**
Hydrologic and soils map: Boggess, D. H. 00602

**Greenwood quadrangle**
Hydrologic and soils map: Boggess, D. H. 00595

**Harbeson quadrangle**
Hydrologic and soils map: Adams, J. K. 00603

**Harrington quadrangle**
Hydrologic and soils map: Davis, C. F. 00123

**Hickman area**
Hydrologic and soils map: Adams, J. K. 00596

**Laurel area**
Hydrologic and soils map: Boggess, D. H. 00614

**Lewes area**
Hydrologic and soils map: Adams, J. K. 00599

**Marydel area**
Hydrologic and soils map: Davis, C. F. 01965

**Middletown area**
Hydrologic and soils map: Adams, J. K. 00583

**Milford quadrangle**
Hydrologic and soils map: Boggess, D. H. 00122

**Milton quadrangle**
Hydrologic and soils map: Boggess, D. H. 00598

**Mispillion River quadrangle**
Hydrologic and soils map: Davis, C. F. 00124

**New Castle County**
Ground water, southern part: Rima, D. R. 00894

**Rehobeth Beach area**
Hydrologic and soils map: Boggess, D. H. 00604

**Seaford East quadrangle**
Hydrologic and soils map: Adams, J. K. 00601

**Seaford West area**
Hydrologic and soils map: Boggess, D. H. 00600

**Sharptown area**
Hydrologic and soils map: Adams, J. K. 00585

**Smyrna area**
Hydrologic and soils map: Boggess, D. H. 00582

**Taylors Bridge area**
Hydrologic and soils map: Adams, J. K. 00581

Delaware

**Trap Pond area**
Hydrologic and soils map: Adams, J. K. 00612

**Wilmington area**
Hydrologic and soils map: Adams, J. K. 00580

Delaware River

**Estuary**
Dispersion of pollutants, analog computation: O'Connor, D. J. 001154
Photosynthetic oxygenation study: Hull, C. H. J. 001172
Water quality management and forecasting: Thomann, R. V. 001852

**Water quality**
Trenton, New Jersey; McCarthy, L. T., Jr. 00861

Delaware River basin

**Coastal area**
Interim hurricane survey: U.S. Army Corps of Engineers. 00184

**Water resources**
Comprehensive report: Parker, G. G. 00131

District of Columbia

**Ground water:** Johnston, P. M. 002067

**Metropolitan area**
Interim hurricane survey: U.S. Army Corps of Engineers. 00498

Dominican Republic

**Estancia Nueva**
Water-supply investigation by Peace Corps volunteer: Milmo, M. 001588

Drought

**Characteristics**
Definition, Michigan streams: Gannon, J. J. 00120
Description, analysis, hydrologic relations: Hudson, H. E., Jr. 00148
Determination based on duration curves: Balek, Jaroslav. 001758
Michigan streams: Gannon, J. J. 00992
Occurrence, probability: Banerji, S. 00176

New York

Statement of the problem: New York Temporary State Comm. 00173

Southwest

Effects, water resources: Gatewood, J. S. 001013

Earthquakes

**Alaska**
Discussion, well water systems: Johnson Driller's Journal. 00335
Seward area, subsurface conditions: Shannon and Wilson, Inc. 00628

**Mississippi embayment**
Water load, crustal movement relation: McGinnis, L. D. 001307

**Water-level changes**
Georgia: Vorhis, R. C. 00945
Tennessee: Wilson, J. M. 00401
Texas, Bexar County: Montgomery, Porter. 00820
INDEX

Earthquakes
Water-level changes
Texas High Plains, water well damage: Miller, W. D. 000095
Use of wells in detecting earthquakes and explosions: Carragan, William. 01528
Winnipeg and Ottawa, Alaskan earthquakes: Scott, J. S. 00435

Ecology
Worldwide
Environmental limits, earth scientists' view: Hubbert, M. K. 02150

Education
Earth science
Curricula, secondary school: Earth Science Curriculum Project. 01029

Emergency water supplies
Wells
Cost effectiveness: Panero, G. B. 02144

Eagland
Cumberland
Radioecology related to effluent from Windscale Works: Mauchline, John. 01218
Radioecology related to effluent from Windscale Works: Mauchline, John. 01571

Erosion
Alluvial fans
California, western Fresno County: Bull, W. B. 00130
Arid regions
Piping: Parker, G. G. 00319
Beaches
Profile development: Duncan, J. R., Jr. 00392
Channels
Rainfall effects on critical tractive forces:
Study, channel erosion, sediment transport: Nordin, C. F., Jr. 00779
Control
Channel slope design for floodway: Mishtak, J. 01445
Crop rotation and soil treatment: Webber, L. R. 00642
Soil fertility: Peterson, J. B. 00639
Soil wetability factors: Osborn, J. F. 01015
Denudation rates
United States: Judson, Sheldon. 00725
Examples
General discussion: Clemson, Donovan. 01075
Gullies
Control needs: Bertrand, A. R. 00649
Development on convex slopes: Tuckfield, C. G. 01837
Effect of watershed variables: Thompson, J. R. 00106
Landforms
Implications of statistical mechanics: Scheidegger, A. E. 01291

Evaporation
Control
Effect of wind: Irrigation Engineering and Maintenance. 00330
Lakes
Annual and monthly extremes, Lake Ontario:
Richards, T. L. 00996
Study, Great Lakes, recent developments:
Richards, T. L. 01552
Variation, causes, Lake Erie evaporation:
Derecki, J. A. 00997
Measurement
Daily records compared to meteorological variables: Pelton, W. L. 00982
Instrumentation and techniques: Veihmeyer, F. J. 02049
Salt accumulation and distribution as an indicator: Doering, E. J. 07289
Weekly, with modified rain gauge: Smith, A. D. 00018
Measurements
Estimating evaporation from insolation: Lane, R. K. 00785
Rates
Cooling ponds, forced evaporation estimation: Harbeck, G. E., Jr. 00044
Effect of wind: Irrig. Eng. and Maintenance. 00330
Sources, apparent diffusivities, forest cover: Denmead, O. T. 01988

Erosion
Measurement
Gully-head advancement, effect of watershed variables: Thompson, J. R. 00106
Processes
Principles: Robins, J. S. 01636
Waterdrop impact forces: Palmer, R. S. 00321
Rainfall
Intensity related to soil texture: Moldenhauer, W. C. 01168
Rivers
Alaska, Colville River delta: Walker, H. J. 01706
Meanders, theory, history: Apmann, R. P. 01904
Sheet
General discussion: Gottschalk, L. C. 01516
Soil
Relation to soil properties: Wooldridge, D. D. 01618
Watersheds
Estimating long-term sediment yield: Piest, R. F. 00320
Weathering
Silica increase in streams during high flows:
Davis, S. N. 01841
Wind
Effect of small ridges (1-27 cm): Armbrust, D. V. 01624

Erosion
Measurement
Gully-head advancement, effect of watershed variables: Thompson, J. R. 00106
Processes
Principles: Robins, J. S. 01636
Waterdrop impact forces: Palmer, R. S. 00321
Rainfall
Intensity related to soil texture: Moldenhauer, W. C. 01168
Rivers
Alaska, Colville River delta: Walker, H. J. 01706
Meanders, theory, history: Apmann, R. P. 01904
Sheet
General discussion: Gottschalk, L. C. 01516
Soil
Relation to soil properties: Wooldridge, D. D. 01618
Watersheds
Estimating long-term sediment yield: Piest, R. F. 00320
Weathering
Silica increase in streams during high flows:
Davis, S. N. 01841
Wind
Effect of small ridges (1-27 cm): Armbrust, D. V. 01624

Erosion
Measurement
Gully-head advancement, effect of watershed variables: Thompson, J. R. 00106
Processes
Principles: Robins, J. S. 01636
Waterdrop impact forces: Palmer, R. S. 00321
Rainfall
Intensity related to soil texture: Moldenhauer, W. C. 01168
Rivers
Alaska, Colville River delta: Walker, H. J. 01706
Meanders, theory, history: Apmann, R. P. 01904
Sheet
General discussion: Gottschalk, L. C. 01516
Soil
Relation to soil properties: Wooldridge, D. D. 01618
Watersheds
Estimating long-term sediment yield: Piest, R. F. 00320
Weathering
Silica increase in streams during high flows:
Davis, S. N. 01841
Wind
Effect of small ridges (1-27 cm): Armbrust, D. V. 01624

Europe
Central, Variscian platform
Origin and occurrence of carbon dioxide and gaseous mineral water: Vrba, Jaroslav. 01425

Evaporation
Control
Effect of wind: Irrigation Engineering and Maintenance. 00330
Lakes
Annual and monthly extremes, Lake Ontario:
Richards, T. L. 00996
Study, Great Lakes, recent developments:
Richards, T. L. 01552
Variation, causes, Lake Erie evaporation:
Derecki, J. A. 00997
Measurement
Daily records compared to meteorological variables: Pelton, W. L. 00982
Instrumentation and techniques: Veihmeyer, F. J. 02049
Salt accumulation and distribution as an indicator: Doering, E. J. 07289
Weekly, with modified rain gauge: Smith, A. D. 00018
Measurements
Estimating evaporation from insolation: Lane, R. K. 00785
Rates
Cooling ponds, forced evaporation estimation: Harbeck, G. E., Jr. 00044
Effect of wind: Irrig. Eng. and Maintenance. 00330
Sources, apparent diffusivities, forest cover: Denmead, O. T. 01988
Evaporation

Research
- Radiation index, potential insolation: Lee, Richard. 02149

Snow
- Rocky Mountain forest: Bergen, J. D. 00902

Soil surfaces
- Effect of fatty alcohols: Aubertin, G. M. 00081
- Effects of fatty alcohol and a nonionic surfactant: Law, J. P., Jr. 01160
- Effects of soil shrinkage cracks: Adams, J. E. 01612

Solar radiation
- Computation method: Koberg, G. E. 00129

Textbook discussion
- Handbook of Applied Hydrology: Veihmeyer, F. J. 02049

Evaporation suppression

Lakes
- Effect of air bubbling: Koberg, G. E. 00175

Methods
- General discussion of new products: Muckel, B. C. 01456

Monomolecular films
- Decomposition of long-chain fatty alcohols: Golden, Anthony. 01479
- Hexadecanol, spreading specifications: LaMer, V. K. 01682
- Results from Arizona test ponds: Cluff, C. B. 02189

Wave effects: Healy, T. W. 00247

Reservoirs
- Research, Texas: Meinke, W. W. 00952

Soils
- Effect of hexadecanol: Olsen, S. R. 00278
- Effects of fatty alcohol and a nonionic surfactant: LaMer, V. K. 01662
- Sodium dimethyldithiocarbamate, effect on water uptake, transpiration, and stomatal openings: Thorn, G. D. 02248

Evapotranspiration

Cropping effects
- Effect of soil moisture regime: Bennett, O. L. 01458

Forests
- Logging effects on soil moisture: Ziemer, R. R. 00701

Grass
- Prediction method in meadow: Shaw, R. H. 00084

Measurement
- Arid regions: Sellers, W. D. 01559
- Assessment of Penman and Thornthwaite systems: Smith, K. 01438
- Blaney-Criddle method: Blaney, H. F. 01243
- Brief descriptions: Kohler, M. A. 02210
- Cyclic relation to net radiation: Pruitt, W. O. 00114
- Influence of advective energy: Abdel-Aziz, M. H. 00083

Moisture adequacy
- Relation of the index to crop distribution in India: Subrahmanyam, V. P. 00329

Evapotranspiration

Rates
- Estimated from climatological data: Turner, R. 01601

Research
- Plants, drought tolerance: Lange, Willy. 01664

Textbook discussion
- Handbook of Applied Hydrology: Lull, H. W. 02061
- Handbook of Applied Hydrology: Veihmeyer, F. J. 02049

Water balance
- Leaf-water content, indicator of environmental stress: Bliss, L. C. 01887

Flood control

Bibliography
- Flood damage prevention: Tennessee Valley Authority. 02033

Deltaic areas
- Developmental aspects: United Nations. 01942

Manitoba
- Red River water control program: Water Well Journal. 01591

Mississippi River valley, lower
- Federal activities, history: U. S. Mississippi River Commission. 00930

Oregon
- General discussion: Talbott, W. J. 02247

Reervoir regulation
- Merrimack River basin: Clift, E. F. 00234

Small watersheds
- Transmission losses of loessial watersheds: Allis, J. A. 01466

Flood forecasting

Basic data requirements
- General discussion: Norderson, T. J. 01519

Meteorological controls
- Atmospheric circulation: Bruce, J. P. 00901

Methods
- General description: Apollov, B. A. 01739
- General discussion: Norderson, T. J. 01519

Model studies
- Hydrological simulation program: Cuthbertson, W. B. 00880

River forecasting program
- Digital computers, use: McCallister, J. P. 01762

Flood magnitude and frequency

Areal determinations
- Alaska, south of Yukon River: Berwick, V. K. 01299
- California, northern coastal basins: Rantz, S. E. 01212
- Cumberland and Tennessee River basins: Speer, P. R. 02029
- Louisiana, data, analysis, through 1960: Sauer, V. B. 01724
- Lower Mississippi River basin: Patterson, J. L. 01208
- Mississippi, southwestern: Sauer, V. B. 00388
- New Jersey: Thomas, D. M. 00144
- New Jersey: Thomas, D. M. 00231
INDEX

Flood magnitude and frequency

Areal determinations
- New Jersey: Thomas, D. M. 02034
- North Atlantic slope basins, Maine to Connecticut: Green, A. R. 01249
- Pacific slope basins in Oregon and lower Columbia River basin: Hulsing, Harry. 01251
- Pacific slope basins in Washington and upper Columbia River basin: Bodhaine, G. L. 01252
- San Diego County, inundation mapping: Young, L. E. 00154
- South Atlantic slope basins, James River to Savannah River: Speer, P. R. 01207
- Southwestern United States, determining factors: Benson, M. A. 00520

Bridge and culvert design
- Basin characteristics, effects on: Bodhaine, G. L. 01017

Statistical methods
- Risk criteria: Borgman, L. E. 01033
- Textbook discussion
  Handbook of Applied Hydrology: Dalrymple, Tate. 02074

Flood plains
Planning and regulation
- Adjustment to floods, choices: White, G. F. 01927
- Adjustments and regulations: White, G. F. 01520
- Comparison of river and seashore: Burton, Jan. 01394
- Flood—plain management: Goddard, J. E. 01037
- General discussion: Sutton, W. G. 02117
- Neglected alternatives, flood—plain protection: Resources for the Future. 00934

Flood routing
Bergeron’s method
- Mathematical model, transient riverflow, using computer: Kindingstad, Eivind. 00941

Methods
- Bibliography and discussion: Yevdjevich, V. M. 01380

Model studies
- Digital computers, use: McCallister, J. P. 01762
- Textbook discussion
  Handbook of Applied Hydrology: Dalrymple, Tate. 02074

Floods
Damage abatement
- Bibliography, flood damage prevention: Tennessee Valley Authority. 02033
- Neglected alternatives, flood—plain utilization: Resources for the Future. 00934
- Study, Kentucky: Parker, F. H. 00495

Effect on vegetation
- General discussion: Sigafoos, R. S. 00510

Flood characteristics
- Textbook discussion: Dalrymple, Tate. 02074

Flow determination
- Textbook discussion: Dalrymple, Tate. 02074

Floods
Hawaii
- Basic data through June 1964: Hoffard, S. H. 00216
- Basic data through June 1963: Vaudrey, W. C. 01260

Kansas
- Storage requirements for control: Furness, L. W. 01452

Louisiana
- Baton Rouge area, 1962: Camp, J. D. 00616
- Louisiana and adjacent states
  April—May 1958: Smith, R. F. 00535

Mississippi
- Data, 1962: Neely, B. L., Jr. 00304
- Data, 1961: Wilson, K. V. 0332
- Pearl River at Jackson, 1961: Shell, J. D. 00617

New England
- Historical floods: Thomson, M. T. 00855
- Ohio
  March 1964: Cross, W. P. 00269
  March, June 1963: Cross, W. P. 00923
- Ohio and adjacent states
- Piedmont province
  Frequency relation to channel geometry: Kilpatrick, F. A. 00134
- Risk evaluation
  Mathematical model for flood risk evaluation: Shane, R. M. 00791

Small watersheds
- Damages, types and magnitude: Ford, E. C. 00651
- Southeastern Kentucky and adjacent areas
  January—February 1957: U.S Geological Survey. 01294

Spillway design
- Large structures, adequate data: Snyder, F. F. 00771
- Large structures, limited data: Koelzer, V. A. 00709
- Small structures, limited data: Ogrosky, H. O. 00770
- Textbook discussion
  Handbook of Applied Hydrology: Dalrymple, Tate. 02074

United States
- Description and data, 1956: U.S. Geological Survey. 01205
- Description and data: U.S. Geological Survey. 01211

Florida
- Alachua County
  Water resources: Clark, W. E. 01730
- Artesian wells
  Correlation analyses of water levels: Healy, H. G. 00176

Bay County
- Dammed estuary, Deer Point Lake: Toler, L. G. 00967

Bibliographies
- Ground water: Hyde, L. W. 01494
Florida

Biscayne aquifer
Hydrology: Tarver, G. R. 00979
Saline-water intrusion: Cooper, H. H., Jr. 00527

Bradford County
Water resources: Clark, W. E. 01730
Water resources data: Clark, W. E. 01285

Broward County
Ground water, Pompano Beach area: Tarver, G. R. 00979

Clay County
Water resources: Clark, W. E. 01730
Water resources data: Clark, W. E. 01285

Dade County
Saline-water intrusion: Cooper, H. H., Jr. 00527
Saline-water intrusion, Miami area: Kohout, F. A. 00805

Everglades National Park
Water problems, discussion: Tilden, P. M. 01924
Water problems, measures needed: Tilden, P. M. 01923

Fort Lauderdale area
Interim hurricane survey: U.S. Army Corps of Engineers. 01174

Glades County
Ground water: Klein, Howard. 01729
Ground water—surface—ground-water relations
Discussion of principal artesian aquifer: Stringfield, V. T. 00162

Heavy radioactive elements
Distribution in rocks and waters: Osmond, J. K. 02105

Hendry County
Ground water: Klein, Howard. 01729

Hernando County
Ground water, southern part: Wetterhall, W. S. 01731

Hillsborough County
Water resources data: Menke, C. G. 01885
Hydrologic data
Index to data—collection stations, 1961: U.S. Geological Survey. 00210

Intra-coastal waterway
Salt—water leakage: Clark, W. E. 02078

Lake Maggiore
Oxygen depletion effects: Reid, G. K. 00942

Lakes
Maps showing depth: Kenner, W. E. 01886

Northeast
Ground water: Leve, G. W. 01863

Northern
Water resources planning: Conway, C. M. 00951

Northwest
Subsurface waste disposal: Batz, M. E. 01083

Orange County
Water resources: Lichtler, W. F. 01749

Pasco County
Ground water: Wetterhall, W. S. 01731

Sarasota County
Saline-water intrusion, Venice area: Clark, W. E. 02078

Fluid flow
Dispersion
Extension of Darcy’s concept: Skibitzke, H. E. 00133
Spread of dye stream: Ogata, Akio. 01969

Instrumentation
Small—volume—flow meter: Castelli, J. A. 01874

Measurement
Discharge from pipes: Johnson, H. P. 00079
General discussion: Neale, L. C. 01069

Mechanics
Fundamentals: Albertson, M. L. 01511

Model studies
Gravity drainage: Liakopoulos, A. C. 00484
Overland and ground—water flow: Henderson, F. M. 00708
Systematic approach: Reisman, A. 00358

Techniques and uses: Flanigan, L. J. 01066

Multilayer
Review of theories: Stallman, R. W. 00132

Numerical methods
Similarity of two—flow system: Schilson, R. E. 00744

Open channels
General discussion: Albertson, M. L. 01511

Porous media
General discussion: Albertson, M. L. 01511

Textbook:
Sabersky, R. H. 02C26
INDEX

Fluid flow
Theory
Air-water in porous media: Brooks, R. H. 00209
Burdine equations: Brooks, R. H. 00209
Thin sheet
Numerical analysis: Yu, Y. S. 00479
Turbulent
Alluvial channel model studies: Sayre, W. W. 01191
Disintegration of a water jet: Chen, Tsu-Fang. 00036
General discussion: Bowden, K. F. 01910
Limestone solution: White, W. B. 00631
Measurement of turbulence: Cermak, J. E. 00208
Theory: Smith, W. O. 01968
Unsteady
Bibliography and discussion: Yevdjevich, V. M. 01380
Waterflow in pipes
Discharge coefficient: Bassett, D. C. 01271
Forests
Erosion
Pre-logging studies, Alsea River basin tributaries, Oregon: Williams, R. C. 01192
Evaporation
Sources, apparent diffusivities: Denmead, O. T. 01988
Hydrology
General discussion: Storey, H. C. 01518.
Leaf litter
Effect on surface-water quality: Slack, K. V. 00139
Logging
Effects on water quality and erosion: Hornbeck, J. W. 00641
Management
Effects on stream ecology: Chapman, D. W. 02188
Logging effects on soil moisture: Ziemer, R. R. 00701
Oregon: Richen, C. W. 02240
Multiple use
Effects, northern Rocky Mountain region: Wellner, C. A. 00916
Rocky Mountain
Snow evaporation, energy approach: Bergen, J. D. 00902
Snowmelt
New York: Satterlund, D. R. 00877
Geochemistry
Brines
Concentration mechanism, subsurface formations: Rittenhouse, Gordon. 02241
Concentration mechanism, subsurface formations: Bredehoeft, J. D. 02181
Contamination determination, Walnut River: Leonard, R. B. 01332
Oil field, east Texas: Hawkins, M. E. 01947
Solar evaporation, physical chemistry: Hadzerga, Pablo. 00630
Geochemistry
Calcite
Coprecipitation with Sr^{2+}: Holland, H. D. 01742
Carbon isotopes
Cycle in New England lakes: Deevey, E. S., Jr. 01892
Carbonate
Equilibria, natural waters, high pH: Roberson, C. E. 00096
Evolution of cave water: Holland, H. D. 01566
Saturation, degree, natural waters: Hostetler, P. B. 01719
Solubility: Morey, G. W. 00243
Solution alteration, effects of temperature and pressure: Sippel, R. F. 01355
Clays
Chemistry and mineralogy: Marshall, C. E. 01958
Clay-water relations
Base-exchange capacity and mineralogy: Kennedy, V. C. 01268
Permeability blocking by clay: Jones, F. O., Jr. 00738
Residual OH: Carter, J. L. 00241
Sorption of organic acids: Hemphill, L. 01153
Sorption, radionuclides from river water: Garder, Karen. 02195
Water content, clayey sediments, during compaction: Meade, R. H. 00149
Connate water
Appalachia: Heck, E. T. 01019
Copper
Distribution, soils and drainage, Chile: degrys, Ann. 01597
Deuterium
Variation in natural waters: Friedman, Irving. 00386
Dolomite
Solubility: Barnes, Ivan. 01970
Evaporites
Salt migration and deposition, Great Salt Lake: Adams, T. C. 00943
Fluoride
Ground water, Oasis Valley, Nevada: Malmborg, G. T. 00141
Gases
Solubility: Douglas, Everett. 00239
Ground water
Nevada Test Site: Schoff, S. L. 02027
Nevada, Washoe County: Conen, Philip. 00895
Radium-226 and radon-222 distribution: Tanner, A. B. 00463
Salt contributions by rainfall Texas: Fanning, C. D. 00638
Sources, mineral content, water from granitic terrane: Feth, J. H. 02123
Sulfate-carbonate systems, composition calculation: Hall, F. R. 01630
Heavy radioelements
Distribution in rocks and water: Osmond, J. K. 02105
BIBLIOGRAPHY OF HYDROLOGY, 1964

Geochemistry

Hydroxyapatite
  Formation and behavior: Cosaro, Gerald. 00063

Ion exchange
  Hydroxyl groups, kaolinite: Halevy, E. 01098

Iron
  Effect of yellow organic acids and natural water: Shapiro, Joseph. 00966
  Ground water in southern Maryland: Barnes, Ivan. 01567

Kaolinite
  Ground-water origin: Shelton, J. W. 01257

Kentucky
  Blue Grass region: Hendrickson, G. E. 00551

Lakes
  Theoretical model applied to Great Lakes: Kramer, J. R. 01233

Manganese oxides
  Deposition and solution: Hem, J. D. 00539

Marshes
  Seasonal chemical changes: Yaalon, D. H. 00367

Mine waters
  Strip-mine lakes: Parsons, J. D. 01304
  Theoretical considerations: Barnes, Ivan. 00508

Montmorillonite
  Cation-exchange rates: Brown, T. E. 00158

Nitrate
  Occurrence in precipitation: Gambell, A. W. 01296

Phosphate
  Equilibrium, sediments and water: Olsen, Sigurd. 02109

Saline water
  Phillipsite formation: Hay, R. L. 02094

Sea water
  Lithium content: Riley, J. P. 01091
  Rubidium, cesium, barium distributions: Bolter, Ernst. 01741

Sediment
  Mud-water interface, review: Hayes, F. R. 01938
  Suspended, effects on water quality: Gunnerson, C. G. 01644

Silica
  Variability in natural water: Davis, S. N. 01841

Sodium
  Cycle during geologic time: Livingstone, D. A. 00677
  Exchangeability related to hydraulic conductivity: Martin, J. P. 01158
  Source and movement in ground water: Olmsted, F. H. 00140

Soils
  Movement and retention of chemicals: Kunze, G. W. 01263
  North Dakota, wet saline area: Sandoval, F. M. 01611

Soil-water relations
  Salt sieving of flow through porous media: Kemper, W. D. 01615

Geochemistry

Solution
  Calcium aluminoferrites: Carlson, E. T. 00931
  Dolomite: Barnes, Ivan. 01970

Sulfate
  Occurrence in precipitation: Gambell, A. W. 01296

Surface water
  Dissolved oxygen: Gunneson, C. G. 00678
  Suspended sediment—water quality interrelationships: Gunnerson, C. G. 01644

Thermal waters
  Natural systems and experimental interactions: Ellis, A. J. 01099

Uranium
  Bancroft-Haliburton region, Canada: Chamberlain, J. A. 00193

Use in quantitative hydrology
  Ground-water movement, Jordan Sandstone: Maderak, M. L. 00173

Water
  Classification method: Schoeller, H. 01643
  Zinc
  Soluble-adsorbed equilibria in natural waters: O’Connor, J. T. 01868

Geomorphology

Alluvial fans
  Erosion and deposition: Bull, W. B. 00130
  Near-surface subsidence: Bull, W. B. 00502
  Sedimentation: Bluck, B. J. 00225

Alluvial processes
  Flume studies, small streams in alluvium: Ackers, Peter. 00772
  Implications of statistical mechanics: Scheidegger, A. E. 01291
  Lithologic variations in slope development theory: Scheidegger, A. E. 00572
  Sorting: Jopling, A. V. 00726

Arid regions
  Piping as erosion process: Parker, G. G. 00319

Chronology
  Postglacial lake levels: Terasmae, J. 01234

Drainage patterns
  Aerial photography: Lohman, S. W. 01145
  Analysis, subsurface structure: Doeringsfeld, W. W., Jr. 01681
  Development on upraised floor of Hebgen Lake, Montana: Morisawa, Marie. 00998
  Divide shifting, Ohio and Monongahela Rivers: Fridley, H. M. 00461
  Horton’s laws, modified stream—ordering techniques: Bowden, K. L. 02179
  Loup River, Nebraska: Brice, J. C. 00500

Physical and other data used to illustrate Horton’s classification: Panitz, Eric. 01581

Quantitative landform analysis: Strahler, A. N. 01028

Stream morphology, comparative analysis: Woodruff, J. F. 01150

Use in exploration of subsurface soil conditions: Erb, D. K. 00181

West Virginia: Burford, A. E. 01344

Wind aligned: Stokes, W. L. 00199
INDEX

Geomorphology

Entropy concept
Validity shown by statistical mechanics: Scheidegger, A. E. 01291

Erosion
Denudation rates. United States: Judson, Sheldon, 00725
Equilibrium — humid-climate physiographic processes: Holmes, C. D. 01463
Retreat of lakeshore bluffs: Pincus, H. J. 01038

Flood plains
Ancient: Ray, L. L. 00151

Fluvial processes
Dunes and ripples: Kennedy, J. F. 00706
Textbook: Leopold, L. B. 00672

Indiana
Mitchell Plain, paleohydrology: Powell, R. L. 01599

Landforms
Analysis, subsurface structure: Doeringsfeld, W. W., Jr. 01681
Evolution, identification, selected types: Balster, C. A. 01128
Tidal flats: Klein, G. D. 01259
United States: Hammond, E. H. 01284
Zanjón, Puerto Rico: Monroe, W. H. 02098

Limestone terrane
Solution subsidence: Herrick, S. M. 01768

Puerto Rico
River nickpoints: Jones, C. T. 00198

Regime analysis
River slopes: Blench, Thomas. 00760

Rivers
Channel geometry: Kilpatrick, F. A. 00134
Channel geometry: Langbein, W. B. 00765
Channel morphology, quasi-equilibrium states: Langbein, W. B. 00981
Fluid flow in bends, history: Apmann, R. P. 01904
Profiles, uniform discharge: Langbein, W. B. 00150
River net structure, regularities: Rzhansitsyn, N. A. 01949
Stream junction angles: Lubowe, J. K. 01842
Subsurface exploration and chronology of underfit streams: Dury, G. H. 00504
Underfit streams: Dury, G. H. 00503

Sea-level changes
Postglacial rise, Connecticut: Upson, J. E. 01838

Short Features
Cusp formation: Flemming, N. C. 00221
String bogs
Distribution, relation to climate: Knollenberg, Robert. 01698

Textbooks
Fluvial processes: Leopold, L. B. 00672

Georgia
Ashland Mica Schist
Aquifer characteristics: Sever, C. W. 00169

Baker County
Solution subsidence, limestone terrane: Herrick, S. M. 01768

Chattanooga County
Ground water in the Paleozoic rock area: Cressler, C. 01884

Coastal Plain
Logs of selected wells: Applin, E. R. 01495

Dade County
Ground water: Croft, M. G. 01728

Dawson County
Ground water, crystalline rocks: Sever, C. W. 01726
Hydrology, Georgia Nuclear Laboratory: Stewart, J. W. 01131
Permeability, infiltration, weathered rock: Stewart, J. W. 02151
Water-level changes, earthquake-induced: Vorhis, R. C. 00945

Georgia Nuclear Laboratory
Ground—water tests, at waste disposal pit: Stewart, J. W. 01251
Hydrology: Stewart, J. W. 01131

Mitchell County
Solution subsidence, limestone terrane: Herrick, S. M. 01768

Savannah area
Saline-water intrusion: McCollum, M. J. 02127

Saline water intrusion: McCollum, M. J. 00528

Southeast
Ground—water—surface—water relations: Stringfield, V. T. 00162

Streams
Sedimentation: Kennedy, V. C. 00540

Walker County
Ground water: Cressler, C. W. 01727

Water resources
Summary, for industrial use: Whilatch, G. I. 01774

Glaciers
Athabasca Glacier, Canada
Sediment yield: Mathews, W. H. 01364
Stream discharge related to prior mean daily temperatures and precipitation: Mathews, W. H. 01330
Variations in velocity related to stream discharge: Patterson, W. S. B. 01356

Duart Lake area glacier complex
Bruce Mountains, Baffin Island, N.W.T.: Harrison, D. A. 00008

Gilman Glacier, Ellesmere Island, Canada
Meteorological and glaciological observations, 1961: Sagar, R. B. 01281

Lemon Creek Glacier, Alaska

Muldrow Glacier, Alaska
Ice surges: Harrison, A. E. 01355

Popular account: Stoertz, C. R. 02031

Teton Glacier
Recent retreat: Reed, J. C., Jr. 00159

Textbook discussion
Handbook of Applied Hydrology: Meier, M. F. 02058
Glaciology
Alaskan coastal glaciers
Terminal position changes, inventory: Miller, M. M. 01031
Climatic changes
Glacier flow, geophysics: Kamb, Barclay. 01127
Comprehensive discussion
Worldwide basis: Mellor, Malcolm. 02220
Glacier mapping
Dart Lake area, Bruce Mountains, Baffin Island, N.W.T.: Harrison, D. A. 00008
Ice movement
Variations in velocity related to stream discharge: Patterson, W. S. B. 01356
Instrumentation
Thermal core drill, portable: Shreve, R. L. 00340
Jokulhaup
Athapasca Glacier, Canada: Mathews, W. H. 01330
Juneau Ice Field, Alaska
Climate-glacier studies: Marcus, M. G. 00667
Mass budget
Field test of Nielsen’s equations for equilibrium glacier: Heusser, C. J. 01357
Investigations in Norway: Ostrem, Gunnar. 00348
Polar ice sheets, dust-induced albedo changes: Bloch, M. R. 00342
Recent research: Hoinkes, H. C. 00389
Subglacial water pressure: Mathews, W. H. 00341
Theory, worldwide distribution and changes: Shumskiy, P. A. 02101
Polar icecaps
General discussion: Bauer, A. 01103
Structural
Textbook: Shumskii, P. A. 01778
Textbook discussion
Handbook of Applied Hydrology: Meier, M. F. 02058
Thermal budget
Methods of calculating mean daily temperatures and their effect on degree-day totals: Arnold, K. C. 01488
Glossary
Lake terminology: Veatch, J. O. 02048
Great Lakes
Chemistry
Theoretical model for composition: Kramer, J. R. 01233
Connecting channels
Stage-fall discharge equations: Quinn, F. H. 01374
Currents
Turbulence and diffusion: Csanady, G. T. 01239
Evaporation
Annual and monthly extremes: Richards, T. L. 00996
Study, recent developments: Richards, T. L. 01552
Ice cover
Meteorological aspects: Richards, T. L. 01138
Great Lakes
Imported water supply
Desalination, James Bay: Philbrick, A. K. 00013
Lake-effect snow
Radar observations: Lansing, Livingston. 00962
Limnology
Research organizations, programs: Chandler, D. C. 02174
Precipitation
Comparison of shore and lake quantities: Kresge, R. F. 00323
Regional Data Center
Formation and functions: Curry, L. W. 01376
Research
Conference, 7th, 1964: Michigan University. 01001
Water levels
Forecasting: Megerian, Edmonton. 01236
General description: Canada’s Water Resources Branch. 00567
Water management
Water use, pollution control: Kehr, W. Q. 00965
Water quality studies
Methods and facilities: Lilby, R. W. 01231
Water resources development
Limnology, water supply and pollution: McCallum, G. E. 01228
Greenland
Snow facies: Giovinetto, M. B. 02053
Ground water
Analog models
Los Angeles basin: Tyson, H. N., Jr. 00777
Bank storage
Relation between subsurface flow and water levels: Subbotin, A. I. 01856
Relation between subsurface flow and water levels: Ubell, K. 01880
Crystalline rock aquifers
Optimum depth of wells: Davis, S. N. 02163
Development
Island lenses, Hawaii: Watson, L. J. 00939
Possible use of aquifers as storage reservoirs: Schneider, Robert. 00526
Discharge
Water carryover in river basin discharge: Riggs, H. C. 00969
Water carryover in river basin discharge: Wemelsfelder, P. J. 01810
Water carryover in river basin discharge: Yevdjevich, V. M. 01827
Engineering problems
Chemical grouts and field routing: Karol, R. H. 01542
Highways, ground-water control: Smith, T. W. 02160
Flow nets
Sources of base flow of streams: Kilpatrick, F. A. 00976
General description
Diagrams: Meyboom, Peter. 02232
## INDEX

### Ground water

**General discussion:** Bourgeois, P. O. 02083
**Geologic factors**
Textbook discussion: Maxey, G. B. 01509

**North America**
Occurrence and management: Thomas, H. E. 00810

**Nuclear explosions**
Anomaly created by underground nuclear explosion: Knox, J. B. 03012
Contamination factors: Davis, S. N. 01102
Economics of ground-water recharge by nuclear explosions: Todd, D. K. 03011

**Pollution**
California: Willets, D. B. 00313
Hydrologic factors: Brown, R. H. 02170
Management aspects: LeGrand, H. E. 01345
Refuse disposal: Weaver, L. 02167
Waste disposal site evaluation: LeGrand, H. E. 01711

**Research**

**Terminology**
Hydrostratigraphic units: Maxey, G. B. 00350
**Textbook discussion**
*Handbook of Applied Hydrology:* Todd, D. K. 02035

**Textbooks**
General discussion: Brice, J. C. 00673
Practical aspects: Cederstrom, D. J. 01497

**Underground gas storage**
Interrelationships: Bays, C. A. 02157

**United States**
Generalized map of productive aquifers: McGuinness, C. L. 01435

**U.S. Geological Survey**
Cooperation with well drillers: McGuinness, C. L. 00669

**Water levels**
Fluctuations, analysis: Healy, H. G. 00176
Fluctuations, analysis: Weeks, E. P. 01972
Fluctuations, brief discussion: Summers, W. K. 01747

**Ground-water hydraulics**

**Anisotropic aquifer**
Vertical permeability, determination: Weeks, E. P. 01981

**Artesian aquifers**
Modified solution for decreasing discharge wells: Abu-Zied, M. A. 00795

**Cavity formation**
Salt dissolution: Durie R. W. 00816

**Comprehensive discussion**
Hydraulics of wells: Hantush, M. S. 01777

**Dispersion**
Radioactive waste-migration patterns: Reichert, S. O. 01396
Saline-water intrusion in porous media: De Wiest, R. J. M. 01864

**Drawdown**
Computer solution, well field: Fiering, M. B. 03015

### Ground–water hydraulics

**Drawdown**
Multiple step–drawdown tests: Bierschenk, W. H. 00314
Structural control: Sever, C. W. 00169
Variable discharge aquifers: Hantush, M. S. 00728

**Flow patterns**
Effect of pumping near rivers: Hantush, M. S. 00715
Effect of voids and permeability: Suter, Max. 00456
Free water surface about a well: Kirkham, Don. 00714
Relation to temperature: Mink, J. F. 00730

Seepage, numerical analysis: Schimming, B. B. 02128

**Two-dimensional, free-surface conditions:** Zaslavsky, Dan. 00308

**Fractured rocks**
Structural control on water movement: Sever, C. W. 00169
Water movement: Lewis, D. C. 01654

**Heterogeneous aquifers**
Dupuit's formula: Outmans, H. D. 00723
Permeability and storage: Pasmussen, W. C. 00375

**Laminar flow**
Hydraulics of thin ﬂow: Frenzini, J. B. 00757

**Model studies**
Declining water table: Fujioka, Y. 00733
Directional permeability: Greenkorn, R. A. 00919

Flow around and through lenticular beds: Lehr, J. H. 00436
Gravity drainage: Liakopoulos, A. C. 00484
Hydraulic conductivity measurement with sand tank: Snell, A. W. 01845
Overland and ground–water ﬂow: Henderson, F. M. 00708
Water–table fluctuations: Dagan, Gedeon. 01290

**Movement**
Cones of depression, model study: Lehr, J. H. 01653

**Research**
United States, 1964: Middle' on, H. K. 00843

**Sandstone**
Porosity: Maxwell, J. C. 00051

**Theory**
Dispersion: Ogata, Akio. 01969
Dispersion and adsorption: Banks, R. B. 00783
Dispersion and adsorption: Ogata, Akio. 01267

Extension of Darcy's concept: Skibitzke, H. E. 00133
Multiphase fluids: Stallman, R. W. 00132

Statistical hydrodynamics, porous media:
- Scheidegger, A. E. 01776

Turbulent flow: Smith, W. O. 01968
Turbulent flow: Ward, J. C. 00782

Unsaturated flow: Bouwer, Herman. 00790
Ground-water hydraulics

**Transient flow**
- Irrigation subsurface drainage system design: Dumm, L. D. 01844
- Subsurface land drainage: Dumm, L. D. 01835

**Unsaturated flow**
- Systems of flow of water through soil: Bouwer, Herman. 00790

**Unsteady flow**
- Unsaturated zone: Ohmstede, W. D. 00703
- Well near impermeable barrier, data analysis: Saad, K. F. 01659

Ground-water quality

**Artificial recharge**
- Research on underground storage and mixing: Harpaz, Y. 01349

**Bacteria control**
- Water well plugging: Luthy, R. G. 01586

**Biologically-resistant pollutants**
- Removal research: Morris, J. C. 00696

**Cadmium and chromium**
- New York, Nassau County: Lieber, Maxim. 01803

**Definition**
- Brief discussion: Summers, W. K. 00670

**Detergents**
- Movement and retardation: Suess, M. J. 00056
- Summary of research findings: McGauhey, P. H. 00433

**Geochemistry**
- Mineral content sources, ground water from granitic terrane: Feth, J. H. 02123
- Sulfate-carbonate systems, composition calculation: Hall, F. R. 01630

**Illinois**
- Northeastern part: Larson, T. E. 01474

**Lithium**
- Crop damage, California: Ashe, H. J. 01398

**Nevada Test Site**
- Radiation levels: Schoff, S. L. 02027

**North Carolina**
- Forsyth County: Peace, R. R., Jr. 01117
- Sampson County: Laymon, L. L. 01116

**Pollution control**
- Management aspects: LeGrand, H. E. 01345

**Protection**
- California, Livermore Valley: California Dept. Water Resources. 00988

**Radioactivity**
- Solubility and movement of radionuclides: Eastington, E. H. 00410

**Radium-226**
- Illinois, Iowa: Samuels, L. D. 00462

**Temperature**
- Fluctuation: Albany, New York: Heath, R. C. 01962

**Textbook discussion**
- Handbook of Applied Hydrology: Powell, S. T. 02055

Ground-water techniques

**Age determination**
- Tritium: Nir, A. 02231
- Tritium content: Reeder, H. O. 00161

**Analog models**
- Analog and excitation-response apparatus for sand and gravel aquifer: Schicht, R. J. 00980
- Applications: Bouwer, Herrman. 01656
- Teaching aid: Blanchard, F. N. 01565

**Borehole examination**
- Periscope: Trainer, F. W. 00177
- Television apparatus: Eddy, J. E. 00148
- Three-dimensional photography: Canadian Petro Engineering. 01079

**Crystalline rock aquifers**
- Prediction of water yield with depth: Davis, S. N. 02163

**Development**
- Estimating ground-water resources from surface base flow: Koudelin, B. I. 00378
- Planned exploration: Linck, C. J. 01279
- Predicting quality when pumping mixed fresh-saline aquifers: Goldberg, V. M. 00370

**Field methods**
- Maintaining water tables in soil profile studies: Pohjakas, K. 00019
- Measurement of hydraulic conductivity with four wells: Snell, A. W. 01845

**Flow nets**
- Distortion in sections with exaggerated vertical scale: van Everdingen, R. O. 01799

**Geophysical methods**
- Electrical earth resistivity: Fuhr, M. B. 01393
- Gravity survey, Humboldt River: Cartwright, Kerros. 01369
- Pressure transducer: Warschauer, D. M. 00233
- Resistivity and seismic, application, cost, results: Carpenter, G. C. 01268
- Resistivity measurements, interpretation: Flatho, H. 02161
- Resistivity studies, Izmir Turkey: Bierschenk, W. H. 02156
- Seismic refraction, earth resistivity: Dudley, W. W., Jr. 00228
- Seismic studies: McGinnis, L. D. 00229
- Velocity of sound related to soil moisture: Brutsaert, Wilfried. 00704

**Laboratory and field methods**
- Bibliography: Johnson, A. I. 00964

**Lithofacies maps**
- Compiled from drillers' logs: Bredehoef, J. D. 01348

**Measurement of pore fluids**
- Immersion cell: Fels, I. G. 00387

**Model studies**
- Analog computers, Illinois hydrogeology: Walton, W. C. 02159
- Calculation of transmissibility distribution: Sammel, E. A. 01890
- Effects of ground-water development: Robinson, G. M. 00312
- Efficacy of tube well schemes to combat waterlogging: Harvard Water Resources Group. 01502
- Hele-Shaw model, research device: Sternberg, Y. M. 02158
INDEX

Ground-water techniques

Model studies
Las Vegas Valley: Domenico, P. A. 01990
Saline-water—fresh-water flow relations: Harpaz, Y. 01349
Stream functions for three-dimensional flow in heterogeneous porous media: Nelson, R. W. 00374
Water-table fall in tile-drained land: Kirkham, Don. 01390

Movement
Flow distribution from current meter data: Leve, G. W. 01863
Geochemical methods: Schoff, S. L. 02027
Solutions for a variety of problems, Dupuit—Forchheimer idealization: Glover, R. E. 01169
Tritium tracing: Reeder, H. O. 01338

Prospecting methods
Fracture traces for locating wells in carbonate rock: Lattman, L. H. 01353
Hydrogeochemical methods, Nevada: Malmberg, G. T. 00141

Recharge
Calculation by water budget method: Wolfzoun, I. E. 01889
Mixing of injected and indigenous water: Harpaz, Y. 01349

Temperature determination
High-lag thermometer: Heath, R. C. 02199

Test wells
Nevada Test Site: Moore, J. E. 00419

Transmissibility determination
Bail-test method: Lennox, D. H. 01372
Estimations from routine production tests: Logan, John. 01890

Water budget studies
Hidden recharge areas: Feth, J. H. 02155

Water-level recession curves
Hydraulic properties of glacial outwash: Weeks, E. P. 01972

Ground-water—surface-water relations
Base flow
Effect of pumping: Hantush, M. S. 00715
Equations for computing: Rorabaugh, M. I. 01628

Base flow
Anomalous conditions, Mad River near Springfield, Ohio: Cross, W. P. 02006
Deep and shallow aquifer sources: Kilpatrick, F. A. 00976
Depletion by phreatophytes: Meyboom, Peter. 01316
Effects of temperature, evaporation, and transpiration: Kovacs, Gy. 00968
Effects of various geologic formations in the basin: Slepicka, Frantisek. 01828
Estimating ground-water resources from surface base flow: Koudelin, B. I. 00378

Channel seepage
Determination: Morel-Seytoux, H. J. 00759

Conjunctive use
Depletion from pumping wells: Hantush, M. S. 00715

General discussion
Bitingar, M. W. 01813
Israel, Lake Tiberias: Buras, Nathan. 02152

Drainage systems
Southeastern Florida: Sherwood, C. B. 01878

Florida and Georgia
Discussion of principal artesian aquifer: Stringfield, V. T. 00162

Geophysical applications
Humboldt River flow, gravity survey: Cartwright, Keros. 01369

Ground-water response time
Carryover to streamflow: Wemelsfelder, P. J. 01810

Impoundment effects
South Saskatchewan Reservoir: Brown, I. C. 01491

Model studies
Overland flow: Henderson, F. M. 00708

Recharge
Estimating the influent flow rate by aquifer test: Walton, W. C. 01879

Tide effect
Attenuation and retardation in aquifers: Van Eyden, W. A. A. 01324

Water-level observations
Effects of surface-water fluctuations: Bedinger, M. S. 01971
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Comprehensive discussion: Mellor, Malcolm. 02220
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Photogrammetric methods of shoreline plotting: Crandall, D. L. 00053

Bear Lake
Water quality: Workman, G. W. 02050

Bonner County
Ground water, Sandpoint region: Walker, E. H. 00851

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Chemical characteristics of ground water: Olmsted, F. H. 00140

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Limnology of selected lakes: Buscemi, P. A. 00682

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Ground-water velocity, tracer study: Jones, P. H. 01833

Southeastern
Teton Basin multiple-purpose water resources project: U.S. Bureau of Reclamation. 01173

Teton County
Ground water, Teton Valley, upper: Kilburn, Chabot. 00865

Water resources
Summary: Travis, W. I. 01544
Summary: U.S. Geological Survey. 01788

Weiser River basin, upper
Ground water, Midvale and Council areas: Walker, E. H. 02003

Illinois
Central
Radioactive rainout distribution, 1963: Huff, F. A. 01921

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Ground-water analog model: Walton, W. C. 02159

DeKalb quadrangle
Ground-water quality: Caldwell, L. T. 00806

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Flood protection project: U.S. Army Corps of Engineers. 01183

Ground-water analog model: Walton, W. C. 02159

Ground-water exploration
Electrical earth resistivity surveying: Buhle, M. B. 01393

Harvey quadrangle
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Flood inundation map: Ellis, D. W. 00587

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Flood inundation map: Allen, H. E. 00590

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Flood inundation map: Nechre, A. W. 00589

Lombard quadrangle
Flood inundation map: Allen, H. E. 00126

Low flow
Calculation from precipitation records: Huff, F. A. 02153
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Flood inundation map: Allen, H. E. 00588

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Streamflow data analyses: Stall, J. B. 00494

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Mississippi River flood-plain aquifer, model study: Schicht, R. J. 00980
St. Peter formation
Concentration of brines: Rittenhouse, Gordon. 02241

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Sedimentation, reservoirs: Stall, J. B. 01713

Sycamore quadrangle
Ground-water quality: Caldwell, L. T. 00806

Wabash River basin
Water resources development: Boyce, R. R. 01537

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Flood inundation map: Noehre, A. W. 00127

Water supplies
Lead–210 and polonium–210: Holtzman, R. B. 01346

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Indus Valley
Water resources: Karpov, A. V. 00307

Kerala, southern
Artesian water, Malabar Coastal Plain: Taylor, G. C., Jr. 00525

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Floods

Fulton County
Ground water: Rosenshein, J. S. 00264

Jasper County
Ground water: Rosenshein, J. S. 00260
<table>
<thead>
<tr>
<th>Infiltration</th>
<th>Irrigation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rates</strong></td>
<td><strong>Pesticides</strong></td>
</tr>
<tr>
<td>Artificial recharge pits, shape: Lehr, J. H. 00075</td>
<td>Recycling problems: Orlob, G. T. 00756</td>
</tr>
<tr>
<td>Effect of physical and chemical parameters: Schiff, Leonard. 00377</td>
<td><strong>Research</strong></td>
</tr>
<tr>
<td>Method for determining in irrigated furrows: Shull, Hollis. 00295</td>
<td>Report of ASCE committee: American Society of Civil Engineers. 01468</td>
</tr>
<tr>
<td>Ultimate moisture profile: Childs, E. C. 00284</td>
<td><strong>Salinity aspects</strong></td>
</tr>
<tr>
<td>Weathered rock, tests: Stewart J. W. 02151</td>
<td>General discussion: Allison, L. E. 03036</td>
</tr>
<tr>
<td><strong>Soil–water relations</strong></td>
<td>Maintaining water tables in salt movement studies: Pohjakas, K. 00019</td>
</tr>
<tr>
<td>Effects of organic trenching: Kingsley, Q. S. 00564</td>
<td>Saline and sea water, direct irrigation, research: Boyko, Hugo. 00910</td>
</tr>
<tr>
<td>Moisture profiles, rains of low intensity: Rubin, J. 01297</td>
<td>Saline irrigation water effects: Lumin, J. 01623</td>
</tr>
<tr>
<td>Ponding: Rubin, J. 01388</td>
<td>Surface mulches, saline soil reclamation: Carter, D. L. 01625</td>
</tr>
<tr>
<td><strong>Textbook discussion</strong></td>
<td>West Pakistan: Harvard Water Resources Group. 01502</td>
</tr>
<tr>
<td><strong>Handbook of Applied Hydrology</strong>: Musgrove, G. W. 02147</td>
<td>West Pakistan: White House–Dept. of Interior. 01022</td>
</tr>
<tr>
<td><strong>Iowa</strong></td>
<td><strong>Scheduling</strong></td>
</tr>
<tr>
<td>Big Sioux River</td>
<td>Application of dimensional analysis: Bowman, C. C. 00113</td>
</tr>
<tr>
<td>Channel improvement project: U.S. Army Corps of Engineers. 01171</td>
<td>Effects of weather fluctuations: Wilcox, J. C. 00017</td>
</tr>
<tr>
<td><strong>Irrigation</strong></td>
<td>General discussion: Hobbs, E. H. 00274</td>
</tr>
<tr>
<td><strong>Canals</strong></td>
<td><strong>Seepage</strong></td>
</tr>
<tr>
<td>Canal sealing with bentonite: Rollins, M. B. 01610</td>
<td>Auxiliary potential function: Schimming, B. B. 01218</td>
</tr>
<tr>
<td>Distribution system: Idaho Water District No. 36. 00927</td>
<td>Measurement, in flow-advance-storage method: Shull, Hollis. 00795</td>
</tr>
<tr>
<td>Seepage problems, chemical sealants: Willson, R. J. 00107</td>
<td><strong>United States</strong></td>
</tr>
<tr>
<td><strong>Consumptive use</strong></td>
<td>Acreage irrigated, State by State survey: Irrigation Engineering and Maintenance. 01811</td>
</tr>
<tr>
<td>Blaney-Criddle method: Blaney, H. F. 01243</td>
<td><strong>Water quality</strong></td>
</tr>
<tr>
<td>Effect of stage of cotton growth on moisture use: Doss, B. D. 00294</td>
<td>Effects on soils, Kansas: Jacobs, H. S. 00653</td>
</tr>
<tr>
<td><strong>Design</strong></td>
<td>Lithium, crop damage: Ashe, H. J. 01398</td>
</tr>
<tr>
<td>Subsurface drainage seepage, transient-flow concept: Dumm, L. D. 01844</td>
<td><strong>Water reuse</strong></td>
</tr>
<tr>
<td><strong>Development</strong></td>
<td>Effect of pesticides: Orlob, G. T. 00756</td>
</tr>
<tr>
<td>Subhumid areas, Nebraska and Missouri: Soderberg, A. A. 00040</td>
<td><strong>Water use</strong></td>
</tr>
<tr>
<td><strong>Economics</strong></td>
<td>Effective rainfall: Hershel, D. M. 00041</td>
</tr>
<tr>
<td>Dudley Ridge Water District, California: Illingworth, L. R. 01989</td>
<td><strong>Waterlogging</strong></td>
</tr>
<tr>
<td><strong>Effects on ground water</strong></td>
<td>West Pakistan: Harvard Water Resources Group. 01502</td>
</tr>
<tr>
<td>Idaho, Snake River basin: Mundorff, M. J. 01283</td>
<td>West Pakistan: White House–Department of Interior. 01022</td>
</tr>
<tr>
<td>Lake County, Oregon: Hampton, E. R. 01967</td>
<td>Western Pakistan, Rechna Doab: Bhatti, A. K. 03035</td>
</tr>
<tr>
<td><strong>Feasibility</strong></td>
<td><strong>World wide</strong></td>
</tr>
<tr>
<td>Willamette Basin, Oregon: Boersma, Larry. 01126</td>
<td>Efficient water use: Greenshields, E. L. 01531</td>
</tr>
<tr>
<td><strong>General discussion</strong>: Ogrosky, H. O. 02071</td>
<td><strong>Israel</strong></td>
</tr>
<tr>
<td><strong>History</strong></td>
<td>Central</td>
</tr>
<tr>
<td>Nevada, political movements, 1885–1902: Glass, M. E. 00230</td>
<td>Ground water, Cenomanian-Turonian aquifer: Schneider, Robert. 00526</td>
</tr>
<tr>
<td><strong>Infiltration</strong></td>
<td>Central coastal plain</td>
</tr>
<tr>
<td>Hydraulics of terminal profile, flow over porous bed: Collins, D. L. 00121</td>
<td>Seasonal chemistry of marsh waters: Yaalon, D. H. 00367</td>
</tr>
<tr>
<td>Laplace transformation: Philip, J. R. 00702</td>
<td><strong>Dew</strong></td>
</tr>
<tr>
<td>Moisture retention</td>
<td>Effect on plants: Duvdevani, S. 00291</td>
</tr>
<tr>
<td>Estimation, layered soils: Miller, D. E. 02113</td>
<td>Ground water</td>
</tr>
<tr>
<td>Oregon</td>
<td>Movement, temperature relation: Schneider, Robert. 02130</td>
</tr>
<tr>
<td>General discussion: King, A. S. 02209</td>
<td>Sea-water intrusion into calcareous aquifers: Mandel, S. 01449</td>
</tr>
<tr>
<td>General discussion: Mangan, J. F. 01999</td>
<td>185</td>
</tr>
</tbody>
</table>
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Hydrological activities

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Surface-subsurface reservoirs, utilization:
Buras, Nathan. 02152

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Vaiont Valley
Vaiont Reservoir disaster: Kiersch, G. A. 01492

Kansas
Bostwick unit
Missouri River irrigation development:
Soderberg, A. D. 00040

Dam construction
State laws: Jehlik, D. G. 00752

Flood control
Storage requirements: Furness, L. W. 01452

Grant County
Geohydrology: Fader, S. W. 00753
Water-level changes, 1939-1964: Winslow, J. D. 00755

Ground water
Levels, 1963: Broeker, M. E. 00754

Kansas River basin
Fluvial sediment: Mundorff, J. C. 02226

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Brine contamination, surface water: Albert, C. D. 01642

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Limnological features, State Lake: Prophet, C. W. 02173

Saline River basin
Sedimentation: Jordan, P. R. 00533

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Geohydrology: Fader, S. W. 00753
Water-level changes, 1939-1964: Winslow, J. D. 00755

Statewide
Irrigation effects on soils: Jacobs, H. S. 00653

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Water development program: Kansas Legislative Council. 00362

Wichita area
Water resources: Petri, L. R. 00516

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Beaver Creek basin
Hydrologic environment and strip mining:
Collier, C. R. 00501

Blue Grass region
Geochemistry of natural water: Hendrickson, G. E. 00551

Briensburg quadrangle
Ground-water availability map: MacCary, L. M. 00607

Dexter quadrangle
Ground-water availability map: Davis, R. W. 00594

Edmonson County
Flint Ridge Cave system: Smith, P. M. 01639

Elva quadrangle
Ground-water availability map: Morgan, J. H. 00609

Farmington quadrangle
Ground-water availability map: Morgan, J. H. 00593

Floods
Damage abatement: Parker, F. H. 00495

Hardin quadrangle
Ground-water availability map: MacCary, L. M. 02009

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Flint Ridge Cave system: Smith, P. M. 01639

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Ground-water availability map: MacCary, L. M. 00615

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Ground-water availability map: Morgan, J. H. 00606

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Ground water: Price, W. E., Jr. 00619

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Ground-water availability map: Lambert, T. W. 00610

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Fluvial sedimentation: Collier, C. R. 00138

New Concord quadrangle
Ground-water availability map: Lambert, T. W. 00610

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Ground-water availability map: Morgan, J. H. 00608

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Hydrology of alluvial deposit: between Louisville and West Point: Price, W. E., Jr. 00605

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Ground water, Catlettsburg to South Portsmouth: Price, W. E., Jr. 01194

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Kentucky
Southeastern

Kuwait
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Antarctica
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Chemistry
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Depths: Kenner, W. E. 01886

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Salt migration: Adams, T. C. 00943

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Washington, Seattle area, urbanization effects: Sylvester, R. O. 00995

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Limnology: Sreenivasan, A. 01225

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Evaporation, variation and causes: Dereck, J. A. 00997
Hydrologic budget: Brunk, I. W. 00998
Water-level spectra: Platzman, G. W. 00713
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Chemical characteristics, south-central: Allen, H. E. 01000

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Harbor currents, survey: Saylor, J. H. 00995

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Determination of design waves: Brebner, Arthur. 00658
Evaporation variation: Richards, T. L. 00996
Hydrologic budget: Brunk, I. W. 00998
Lake-effect snow, radar observations: Lansing, Livingston. 00962

Lakes
Lake Ontario
Wave-heights and periods, north shore: Brebner, Arthur. 01274

Lake Tahoe
Waste disposal effects on the Lake: Ludwig, H. F. 00047

New England
Carbon isotopes, distribution: Deevey, E. S., Jr. 01892

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Bacterial content of sediment: Anthony, E. H. 00364

Use as a rain gage: Anderson, D. V. 02088

Water level
Stage control, remote areas: Szeto, K. 01629

Water quality
Effect of air bubbling: Kobarg, G. E. 00175

West Virginia
Chemical and physical limnology, Cheat Lake: Corbett, R. G. 00460

Libya
Cyrenaica, Bengasi area
Ground-water resources: Ogilbee, William. 00557
Tripolitania, Sirte area
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Double pumping technique for fresh-water lenses: Underhill, H. W. 01354

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Aquatic organisms
Actinomycetes, role in stream self-purification: Silvey, J. K. G. 03013
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Manganese concentration, cellular: Oborn, E. T. 01797
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Water chemistry, plankton Montreal River lake-system: Cushing, C. E., Jr. 01754

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Great Bear, Great Slave, Athabaska, and Winnipeg Lakes: Larkin, P. A. 00676

Chemistry
Amino acids, occurrence in aquatic plants and sediments: Swain, F. M. 00218
Carbon dioxide, determination in relation to plants and pH: Wood, K. G. 01308
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Distribution of natural isotopes of carbon: Deevey, E. S., Jr. 01892
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#### Chemistry
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- **Lake Huron**, south-central: Allen, H. E. 01000
- Manganese concentration by aquatic organisms: Oborn, E. T. 01797
- Oil refinery effluent holding pond: Copeland, B. J. 01378
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- Phosphate equilibrium, reduced sediments and water: Olsen, Sigurd. 00943
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- Flowing water, effect of current: Jaag, O. 02204
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- Biological and chemical features: Frolander, H. F. 00447
- Nitrogen transformations: Wilkinson, L. 00699
- Photosynthetic oxygenation: Hull, C. H. J. 02172

#### Eutrophication
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- Idaho, northern and central: Buscemi, P. A. 00682
- Northwest Territories, Nettilling Lake: Oliver, D. R. 01280
- West Virginia, Cheat Lake: Corbett, R. G. 00460

#### Glossary
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- Research organizations, programs: Chandler, D. C. 02174

#### Heat budgets
- Annual, morphometric control, temperate lakes: Gorham, Evile. 01222

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- Turbulence, diffusion, Great Lakes: Csanady, G. T. 01239

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- Changes during 1948–62, western part: Verduin, Jacob. 01310

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- Minneapolis–St. Paul reach: Schroepfer, G. J. 00690

#### Model studies
- Chemical composition, Great Lakes: Kramer, J. R. 01233
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- Study, upper part, nuclear industry site evaluation: Shapiro, M. A. 01554

#### Pollution
- Pesticides, toxicological effect on fish environment: Walker, C. R. 01401
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- General discussion: Mackenthun, K. M. 00422

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- Data processing: Cudbird, B. S. V. 01227

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- Kansas, Lyon County State Lake, reflooding: Prophet, C. W. 02173
- Oxygen regime, self-purification processes: Drachev, S. M. 00686
- Water aging and stabilization: Wilroy, R. D. 01708

#### Sediments
- Bacterial content, relation to chemical and optical properties of water: Anthony, E. H. 00364
- Mud–water interface, review: Hayes, F. R. 01938
- Varves, formation, Ontario lakes: Tippett, Roger. 01433

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- Sampling and data presentation: Tindall, D. R. 01216

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- Antarctica, Lake Bonney: Shirtcliffe, T. G. L. 01314
- Antarctica, Lake Bonney, solar radiation as heat source: Shirtcliffe, T. G. L. 00721

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#### Urbanization effects
- Green Lake, Washington: Sylvester, R. O. 02090
- Nutrient buildup in Lake Tahoe: Ludwig, H. F. 00047
<table>
<thead>
<tr>
<th><strong>Limnology</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclic phenomena in hydrology and solar activity: Dixey, F. 00345</td>
<td></td>
</tr>
<tr>
<td>Effect of catchment area: Simojoki, H. 01447</td>
<td></td>
</tr>
<tr>
<td>Forecasting, Great Lakes: Megerian, Edmond. 01236</td>
<td></td>
</tr>
<tr>
<td>Lake Erie: Platzman, G. W. 00713</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Louisiana</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Baton Rouge area</strong></td>
<td>Flood of 1962: Camp, J. D. 00616</td>
</tr>
<tr>
<td>Saline-water intrusion: Morgan, C. O. 00496</td>
<td></td>
</tr>
<tr>
<td><strong>Caddo Parish</strong></td>
<td>Water resources: Page, L. V. 01135</td>
</tr>
<tr>
<td><strong>De Soto Parish</strong></td>
<td>Water resources: Page, L. V. 00564</td>
</tr>
</tbody>
</table>

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| --- | Magnitude and frequency, data, analysis, through 1960: Sauer, V. B. 01724 |
| **Jefferson Davis Parish** | Ground water: Whitman, H. M. 01136 |
| Surface water: Sloss, Raymond. 01137 |  |

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| **Shreveport** | Oil-brine contamination: Hirsch, A. A. 00970 |
| **Southeastern** | Magnitude and frequency of storm runoff: Sauer, V. B. 00388 |

| **Surface-water quality** | Data, 1943-58: Kapustka, S. F. 01250 |
| **Water resources** | Development: Watts, C. T. 01534 |

<table>
<thead>
<tr>
<th><strong>Maine</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Penobscot County</strong></td>
<td>Ground-water data, lower Penobscot River basin: Prescott, G. C., Jr. 03026</td>
</tr>
<tr>
<td><strong>Malawi</strong></td>
<td></td>
</tr>
<tr>
<td>Runoff</td>
<td>Estimation from meteorological data in a tropical climate: Pike, J. G. 00349</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Manitoba</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Brandon map-area</strong></td>
<td>Aquifer test: Charron, J. E. 01327</td>
</tr>
<tr>
<td><strong>Fannystelle area</strong></td>
<td>Ground water: Charron, J. E. 01489</td>
</tr>
<tr>
<td><strong>Red River floodway</strong></td>
<td>Water control program, Red River: Water Well Journal, 01591</td>
</tr>
</tbody>
</table>

| **Winnepeg** | Winnie, ground-water investigations: Scott, J. S. 00874 |
| **Surface-water quality** | Sediment data to Sept. 30, 1961: Canada Water Resources Branch. 00252 |

| **Winnepeg** | Alaskan earthquake's effects on water levels: Scott, J. S. 00357 |

<table>
<thead>
<tr>
<th><strong>Maryland</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Baltimore area</strong></td>
<td>Water resources: Otton, E. G. 00513</td>
</tr>
</tbody>
</table>

| **Patuxent River estuary** |  |
| Water quality effects on attached macro-organisms: Corey, R. L. 00143 |

| **Southern** | Geochemistry of iron-rich ground water: Barnes, Ivan. 01567 |

<table>
<thead>
<tr>
<th><strong>Massachusetts</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Assabet River basin</strong></td>
<td>Ground-water data: Pollock, S. J. 03016</td>
</tr>
</tbody>
</table>

| **Buzzards Bay and Cape Cod Bay** | Hydrography and distribution of copepods: Anraku, Maasateru. 00366 |
| **Housatonic River basin** | Flood protection project: U.S. Army Corps of Engineers. 01180 |

| **Ipswich River basin** | Water resources: Sammel, E. A. 01966 |
| **Lowell area** | Ground water: Baker, J. A. 00546 |

| **Merrimack River** | Pollution abatement study: Prendiville, P. W. 01068 |
| **Merrimack River basin** | Reservoir regulation: Childs, E. F. 00234 |

| **Mystic River basin** | Proposed dam, navigation locks, and flood control pumping station: Devenis, K. P. 01067 |

| **Natural resources** | Popular account: U.S. Department of the Interior. 02004 |
| **Wilmington-Reading area** | Ground water: Baker, J. A. 00548 |

<table>
<thead>
<tr>
<th><strong>Mekong River basin</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mekong Valley project</strong></td>
<td>General discussion: Bour-ieres, Paul. 01104</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Meteorology</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Air circulation</strong></td>
<td>Lake breeze: Munn, R. E. 01375</td>
</tr>
</tbody>
</table>

| **Air-sea interaction** | Instrumentation for study: Elder, F. C. 01018 |
| **Evaporation** | Influence of temperature, radiation, wind, and vapor pressure: Pelton, V. L. 00982 |
| **Flood forecasting** | Atmospheric circulation: Bruce, J. P. 00901 |

| **General discussion** | Introductory outline: Petterssen, Sverre. 01508 |
| **Glacial studies** | Recent research: Hoinkes, H. C. 00389 |

| **Global** | Influence of solar activity: Dixey, F. 00345 |
| **Hydrology** | Basic data networks: Hunter, H. I. 00903 |
| **Instrumentation** | Radar tracking, snow storm: Lansing, Livingston. 00962 |
| **Precipitation** | Seasonal forecasting: Willett, H. C. 00235 |
Meteorology
Temperature
Methods of calculating mean daily temperatures and their effect on degree-day totals: Arnold, K. C. 01488
Weather modification
Review of current status: Schleusener, R. A. 00031
Water availability: Petterssen, Sverre. 02236

Michigan
Ground-water conditions
Summary, 1963: Giroux, P. R. 00908

Maumee River basin
Water resources: Michigan Water Resources Commission. 01677

Paw Paw River basin
Water resources: Michigan Water Resources Commission. 00659

St. Clair River
Channel changes, effects: Korkigian, I. M. 01032

Surface water
Drought flow characteristics: Gannon, J. J. 01720
Drought flow characteristics: Gannon, J. J. 01721

Van Buren County
Water resources: Giroux, P. R. 01676

Minnesota
Jackson County
Ground water: Norvitch, R. F. 00554

Minneapolis–St. Paul area
Geochemistry used to detect recharge areas: Maderak, M. L. 00173

Minneapolis–St. Paul Sanitary District
Research program: Schroepfer, G. J. 00690

Minnesota River, lower
Investigation, August 1963–February 1964: Minnesota Department of Health. 00661

Nobles County
Ground water: Norvitch, R. F. 00554

Northern border
Low-flow characteristics of streams: Speer, P. R. 02019

Pearl River at Jackson
Flood, 1961: Shell, J. D. 00617

Rankin County
Ground water: Harvey, E. J. 03029

Southern
Magnitude and frequency of storm runoff: Sauer, V. B. 00388

Warren County
Water resources: Callahan, J. A. 00991

Well logging
State Geological Survey activities: Bicker, A. R., Jr. 01334

Mississippi River
Comprehensive report: U.S. Army Corps of Engineers. 02038

Minneapolis–St. Paul reach
Pollution control research: Schroepfer, G. J. 00690

Pollution
General discussion: Terral, Rufus. 02135

Stages and discharges
Data, 1963: U.S. Mississippi River Commission. 01944

Water quality
Mayfly distribution as pollution indicator: Fremling, C. R. 01637
Source for public supply: G^lston, W. R. 00069

Mississippi River basin
Lower
Flood magnitude and frequency: Patterson, J. L. 01208
Ground water in alluvium: Krinitzsky, E. L. 02211
BIBLIOGRAPHY OF HYDROLOGY, 1964

Nevada

Colorado River area
Land use plan: U.S. Lower Colorado River. 02251

Coyote Spring Valley
Ground water: Eakin, T. E. 02111

Desert Research Institute

Edwards Creek valley
Ground water: Everett, D. E. 01105

Eureka County
Ground water, Kobeh and Antelope Valleys: Rush, F. E. 01793

Ground water
Seismic studies: McGinnis, L. D. 00229

Humboldt County
Ground water, Grass Valley area: Cohen, Philip. 01684

Humboldt River
Gravity survey, Rose Creek constriction: Cartwright, Keros. 01369

Humboldt River basin
Water resources, Battle Mountain sub-basin: U.S. Department of Agriculture. 01110
Water resources, Elko area: U.S. Department of Agriculture. 01108
Water resources, Reese River sub-basin: U.S. Department of Agriculture. 01109
Water resources, Winnemucca area: Cohen, Philip. 00227

Humboldt River valley
Ground water, near Winnemucca: Cohen, Philip. 03001

Hydrology study program

Intermontane basins, northern
Ground water: Bredehoeft, J. D. 01348

Ione Valley
Ground water: Everett, D. E. 01107

Kane Spring Valley
Ground water: Eakin, T. E. 02111

Kobeh Valley
Ground water: Rush, F. E. 01793

Lake Tahoe
Waste disposal effects on the Lake: Ludwig, H. F. 00047

Lander County
Ground water, Monitor Valley: Rush, F. E. 01793
Ground water, Smith Creek valley: Everett, D. E. 01107

Las Vegas Valley
Ground water: Domenico, P. A. 01580
Land subsidence, 1935–63: Malmberg, G. T. 00909
Quantitative mapping techniques as aids in hydrologic systems analysis of alluvial aquifers: Domenico, P. A. 01990

Lincoln County
Ground water, Kane Spring Valley: Eakin, T. E. 02111

Nevada

Lincoln County
Ground water, Meadow Valley area: Rush, F. E. 01106

Mason Valley nuclear power plant
Hydrogeology: Mifflin, M. D. 00624

Meadow Valley area
Ground water: Rush, F. E. 01106

Monitor Valley
Ground water: Rush, F. E. 01793

Muddy River Springs
Ground water: Eakin, T. E. 02111

Natural resources
Popular account: U.S. Depart’mnt of the Interior. 02015

Nevada Test Site
Crater infiltration: Rasmussen, W. C. 02103
Effects of ground–water development: Winograd, I. J. 01339
Ground–water chemistry and movement: Schoff, S. L. 02027
Ground–water test well 2: Moore, J. E. 00737
Hydrology, reconnaissance: Eakin, T. E. 00418

Nye County
Ground water, Ione Valley: Everett, D. E. 01107
Ground water, Monitor Valley: Rush, F. E. 01793

Oasis Valley
Fluoride in ground water: Malmberg, G. T. 00141

Pershing County
Ground water, Grass Valley area: Cohen, Philip. 01684

Reclamation
History, 1885–1902: Glass, M. E. 00230

Sierra Nevada
Geochemistry, ground water: Feth, J. H. 02123

Smith Creek valley
Ground water: Everett, D. E. 01107

Southeastern
Muddy River Springs discharge: Eakin, T. E. 00172

Southern
Sedimentation of an alluvial fan: Bluck, B. J. 00225

Thermal springs
Map: Horton, R. C. 00485

Washoe County
Ground water, Truckee Meadows area: Cohen, Philip. 00895

Water resources
Activities of Federal Power Commission, 1964: Griffin, R. H. 00204
Activities of U.S. Forest Service, 1964: Sack, Ivan. 00205
Activities of U.S. Weather Bureau, 1964: van de Erve, Jerry. 00207

Bureau of Reclamation activities, 1964: Pafford, R. J., Jr. 00886
Nevada

Water resources
- Bureau of Reclamation activities, 1964: West, A. B. 00961
- Cooperative Snow Survey, 1964: Barton, Manes. 00888
- Corps of Engineers activities, 1964: Mathe, R. E. 00960
- Corps of Engineers activities, 1964: Peacock, E. G. 00887
- Development: Palmer, W. I. 00199
- Soil Conservation Service activities, 1964: Alien, V. J. 00883

Summary: Thomas, H. E. 00841

Water treatment
- Department of Public Health report, 1964: White, W. W. 00884

White River
- Ground-water system: Eakin, T. E. 00201

New Brunswick

Tobique basin
- Snowmelt runoff studies, preliminary results: Davar, K. S. 00881

New England

Bedrock valleys
- Related to sea-level fluctuations: Upson, J. E. 00505

Central
- Water-table fluctuations, wet soils: Lyford, W. H. 01101

Floods
- Historical: Thomson, M. T. 00855

Lakes
- Distribution of natural isotopes of carbon: Deevey, E. S., Jr. 01892

Northern
- Ground-water movement in Cabot loam: Bornstein, Joseph. 00103

New Hampshire

 Merrimack River basin
- Reservoir regulation: Childs, E. F. 00234

Salem-Plaistow area
- Ground-water favorability map: Weigle, J. M. 03004

Southeastern
- Ground water: Bradley, Edward. 00549
- Well data: Stewart, G. W. 02030

New Jersey

Atlantic City area
- Interim hurricane survey: U.S. Army Corps of Engineers. 01177

Burlington County
- Tritium tracing, McDonalds Branch basin: Carlson, C. W. 00809

Delaware River
- Water quality at Trenton: McCarthy, L. T., Jr. 00861

Floods
- Delaware River and Bay, interim hurricane survey: U.S. Army Corps of Engineers. 01184
- Flood-depth frequency: Thomas, D. M. 00231

New Jersey

Floods
- Height-frequency relations: Thomas, D. M. 00144
- Magnitude and frequency: Thomas, D. M. 02034

Raritan River estuary
- Biological significance of pollution abatement: Dean, David. 01224

Sandy Hook
- Foreshore sediment transport: Yasso, W. E. 01323

Somerset County
- Flood inundation map, Raritan and Millstone Rivers: Thomas, D. M. 00932

New Mexico

Acoma and Laguna Indian Reservations
- Ground-water availability: Dinwiddie, G. A. 00519

Eddy County
- Ground water, tritium tracing: Reeder, H. O. 01338
- Elephant Butte Reservoir
  - Effect of seiches and setup: Haynes, G. L., Jr. 00153

Los Alamos area
- Ground water: Griggs, R. L. 00556

Natural resources
- Popular account: U.S. Department of the Interior. 02005

Navajo Indian Reservation
- Ground-water data: Cooly, M. E. 01484

Northeastern
- Municipal water supplies and uses: Dinwiddie, G. A. 01111

Pecos River
- Potential ground-water salvage, Acme to Artesia: Mower, R. W. 01206

Quay County
- Ground water, Tucumcari area: Trauger, F. D. 01112

Rio Grande
- Aspects of flow resistance and sediment transport, Bernalillo area: Nordin, C. F., Jr. 01204
- Phreatophyte communities, comparative study: Campbell, C. J. 01753
- Sedimentation: Nordin, C. F., Jr. 01964

Rio Grande conveyance channel
- Stream gaging and sediment discharge: Harris, D. D. 00511

Ria Grande, middle
- Sediment transport investigation: Pemberton, E. L. 00762
- Sedimentation: Culbertson, J. K. 01256

Río Puerco River
- Channel erosion, sediment transport, study: Nordin, C. F., Jr. 00779

Roswell basin
- Artificial recharge: Motts, W. S. 00963
- Tritium content: Dinsmore, W. S. 00161

Water law
- Survey of legislation and decisions: Clark, R. E. 01549
New Mexico
Water resources
State—Federal cooperative activities: New Mexico State Engineer. 00254
Water—rights administration: New Mexico State Engineer. 00254

New York
Albany
Subsurface temperature fluctuation: Heath, R. C. 01962
Albany—Schenectady—Troy area
Water resources: Halberg, H. N. 00512
Catskill Mountain region
Earth dams in glacial terrain: Fluhr, T. W. 01595
Cattaraugus County
Water resources: LaSala, A. M., Jr. 00906
Connecticut River
Discharge into ocean, effects on temperature and salinity: Ketchum, B. H. 02208
Erie County
Water resources: LaSala, A. M., Jr. 00906
Genesee County
Water resources: LaSala, A. M., Jr. 00906
Ground water
Summary: Heath, R. C. 01541
Housatonic River basin
Flood protection project: U.S. Army Corps of Engineers. 01180
Lake Erie—Niagara area
Water resources: LaSala, A. M., Jr. 00906
Low-flow studies
Statistical analysis: O’Connor, D. J. 01818
Nassau County
Cadmium and chromium in ground water: Lieber, Maxim. 01803
Detergent pollution: Perlmutter, N. M. 00163
Niagara County
Ground water, periscope study of borehole: Trainer, F. W. 00177
Water resources: LaSala, A. M., Jr. 00906
Niagara Falls area
Ground water: Johnston, R. H. 01113
Orleans County, western
Ground water: Johnston, R. H. 01113
Oswego River
Quality of water: Jackson, D. F. 01230
Precipitation
Dendrochronology: Schneider, W. J. 01973
Lake—effect snow, radar observations: Lansing, Livingston. 00962
Saratoga County
Hydrology, West Milton area: Mack, F. K. 01358
Southwestern
Suffolk County
Hydrogeology, Huntington-Smithtown area: Lubke, E. R. 01253
Hydrology, Babylon—Islip area: Pluhowski, E. J. 00560
Water quality, Brookhaven National Laboratory: de Laguna, Wallace. 00569

New York
Syracuse area
Ground—water resources: Kantrowitz, I. H. 00905
Tully Forest
Snowmelt studies: Satterlund4, D. R. 00877
Water resources
Planning and development: New York Temporary State Comm. 01373
Western
Sediment in floodwaters from three watersheds: Parsons, D. A. 01359
Wyoming County
Water resources: LaSala, A. M., Jr. 00906

North America
Ground water
Occurrence and management: Thomas, H. E. 00810
Surface—water quality
Deuterium content in natural waters: Friedman, Irving. 00386
Water resources
Distribution of water from Alaska and Canada to U.S. and Mexico: Kelly, R. P. 00200
North Atlantic slope basins
Maine to Connecticut
Flood magnitude and frequency: Green, A. R. 01249
New York to York River

North Carolina
Beaufort County
Ground water, phosphate mining effects: Nelson, P. F. 01115
Burke County
Ground water, Rutherford College area: Bright, W. E. 01114
Cape Hatteras
Ground water: Harris, W. H. 01454
Forsyth County
Ground water, Tanglewood Park: Peace, R. R., Jr. 01117
Pamlico Sound
Sediments: Duane, D. B. 00478
Sampson County
Ground water, Clinton area: Laymon, L. L. 01116
Surface—water quality
Data, 1961–62: Phibbs, E. J., Jr. 00983
Data, 1960–61: Phibbs, E. J., Jr. 00989
Swanquarter area
Ground water: Nelson, P. F. 01247
Water quality
Municipal water supplies: U.S. Geological Survey. 01248
Water resources
Planning: North Carolina Dent. Water Resources. 00395
Water use
Industrial uses: Walker, W. F. 00890
<table>
<thead>
<tr>
<th>INDEX</th>
</tr>
</thead>
<tbody>
<tr>
<td>North Dakota</td>
</tr>
<tr>
<td>Barnes County</td>
</tr>
<tr>
<td>Ground water, Spiritwood aquifer: Kelly, T. E. 01979</td>
</tr>
<tr>
<td>Ground-water data: Kelly, T. E. 00913</td>
</tr>
<tr>
<td>Benson County</td>
</tr>
<tr>
<td>Ground water, Devils Lake area: Paulson, Q. F. 01119</td>
</tr>
<tr>
<td>Bottineau County</td>
</tr>
<tr>
<td>Ground water, Bottineau area: Froelich, L. L. 00914</td>
</tr>
<tr>
<td>Cass County</td>
</tr>
<tr>
<td>Ground water, Amenia area: Froelich, L. L. 01121</td>
</tr>
<tr>
<td>Devils Lake</td>
</tr>
<tr>
<td>Ground water: Johnson Drillers Journal. 00331</td>
</tr>
<tr>
<td>Eddy County</td>
</tr>
<tr>
<td>Ground water, Devils Lake area: Paulson, Q. F. 01119</td>
</tr>
<tr>
<td>Garrison Dam and Snake Creek</td>
</tr>
<tr>
<td>Relief wells: Arnold, A. B. 01596</td>
</tr>
<tr>
<td>Grand Forks County</td>
</tr>
<tr>
<td>Saline ground water, Brenna Township: Benz, L. C. 01014</td>
</tr>
<tr>
<td>Grand River drainage basin</td>
</tr>
<tr>
<td>Surface-water quality and sedimentation: Hembree, C. H. 00561</td>
</tr>
<tr>
<td>Ground-water resources</td>
</tr>
<tr>
<td>General discussion: Paulson, Q. F. 00907</td>
</tr>
<tr>
<td>Ramsey County</td>
</tr>
<tr>
<td>Ground water, Devils Lake area: Paulson, Q. F. 01119</td>
</tr>
<tr>
<td>Red River valley</td>
</tr>
<tr>
<td>Saline ground water: Sandoval, F. M. 01611</td>
</tr>
<tr>
<td>Rolette County</td>
</tr>
<tr>
<td>Ground water, Rolla area: Schmid, R. W. 01120</td>
</tr>
<tr>
<td>Sheyenne River</td>
</tr>
<tr>
<td>Ground water—surface-water relations: Paulson, Q. F. 01980</td>
</tr>
<tr>
<td>Southeastern</td>
</tr>
<tr>
<td>Geologic control on Sheyenne River discharge: Paulson, Q. F. 01980</td>
</tr>
<tr>
<td>Spiritwood aquifer</td>
</tr>
<tr>
<td>Geohydrology: Kelly, T. E. 01979</td>
</tr>
<tr>
<td>Stutsman County</td>
</tr>
<tr>
<td>Ground water, Spiritwood aquifer: Kelly, T. E. 01979</td>
</tr>
<tr>
<td>Surface-water resources</td>
</tr>
<tr>
<td>General discussion: Hoisveen, M. W. 01118</td>
</tr>
<tr>
<td>Ward County</td>
</tr>
<tr>
<td>Ground water, Surrey area: Froelich, L. L. 00911</td>
</tr>
<tr>
<td>Northwest Territories</td>
</tr>
<tr>
<td>Baffin Island</td>
</tr>
<tr>
<td>Nettling Lake, limnology: Oliver, D. R. 01280</td>
</tr>
<tr>
<td>Norway</td>
</tr>
<tr>
<td>Glaciology</td>
</tr>
<tr>
<td>Mass budget: Ostrem, Gunnar. 00348</td>
</tr>
<tr>
<td>Water power</td>
</tr>
<tr>
<td>Ice problems: Devik, Olaf. 00482</td>
</tr>
<tr>
<td>Oceanography</td>
</tr>
<tr>
<td>Bays</td>
</tr>
<tr>
<td>Hydrography and distribution of copepods: Anraku, Masateru. 00366</td>
</tr>
<tr>
<td>Chemistry of sea water</td>
</tr>
<tr>
<td>Electrolytes, partial equivalent conductance: Park, Kilho. 01093</td>
</tr>
<tr>
<td>Helium, neon, and argon in the ocean: König, H. 01090</td>
</tr>
<tr>
<td>Salinity estimation: Johnston, R. 01909</td>
</tr>
<tr>
<td>Significance of sodium cycle: Livingstone, D. A. 00677</td>
</tr>
<tr>
<td>Continental shelf</td>
</tr>
<tr>
<td>Oceanographical engineering: Wiegel, R. L. 01016</td>
</tr>
<tr>
<td>Fresh-water outflow</td>
</tr>
<tr>
<td>Columbia River, zinc 65 in Euphausiids: Ostberg, Charles. 0135C</td>
</tr>
<tr>
<td>Physical</td>
</tr>
<tr>
<td>Features important to hydrology: Chow, V. T. 01507</td>
</tr>
<tr>
<td>Popular literature: Caidin, Martin. 02082</td>
</tr>
<tr>
<td>Reference text</td>
</tr>
<tr>
<td>Annual review, volume 2, 1964: Barnes, Harold. 01936</td>
</tr>
<tr>
<td>Sea-level changes</td>
</tr>
<tr>
<td>Puerto Rico: Jones, C. T. 00198</td>
</tr>
<tr>
<td>Southwestern Florida: Scholl, D. W. 00391</td>
</tr>
<tr>
<td>Southwestern Florida: Scholl, D. W. 00393</td>
</tr>
<tr>
<td>Textbook: Pickard, G. L. 02051</td>
</tr>
<tr>
<td>Ohio</td>
</tr>
<tr>
<td>Cambridge area</td>
</tr>
<tr>
<td>Flood of June 1963: Cross, W. P. 00923</td>
</tr>
<tr>
<td>Chillicothe area</td>
</tr>
<tr>
<td>Flood inundation map: Edelen, G. W., Jr. 00577</td>
</tr>
<tr>
<td>Cincinnati area</td>
</tr>
<tr>
<td>Urban land runoff study: Weibel, S. R. 00444</td>
</tr>
<tr>
<td>Water needs and supply: Ohio Division of Water. 00270</td>
</tr>
<tr>
<td>Circleville area</td>
</tr>
<tr>
<td>Flood inundation map: Edelen, G. W., Jr. 00579</td>
</tr>
<tr>
<td>Dayton area</td>
</tr>
<tr>
<td>Water needs and supply: Ohio Division of Water. 00270</td>
</tr>
<tr>
<td>Floods</td>
</tr>
<tr>
<td>March 1964: Cross, W. P. 00269</td>
</tr>
<tr>
<td>March 1963: Cross, W. P. 00293</td>
</tr>
<tr>
<td>Little Miami River basin</td>
</tr>
<tr>
<td>Water inventory: Ohio Division of Water. 00270</td>
</tr>
<tr>
<td>Mad River basin</td>
</tr>
<tr>
<td>Estimating the influential flow rate by aquifer test: Walton, W. C. 01879</td>
</tr>
<tr>
<td>Ground water—surface-water relations, Springfield: Cross, W. P. 02006</td>
</tr>
<tr>
<td>Miami River</td>
</tr>
<tr>
<td>Pollution: Resources for the Future. 02025</td>
</tr>
<tr>
<td>Mill Creek basin</td>
</tr>
<tr>
<td>Water inventory: Ohio Division of Water. 00270</td>
</tr>
</tbody>
</table>
Ohio

**Montgomery County**
- Radioactivity monitoring. Great Miami River: Adams, P. C. 01337

**Mount Vernon area**
- Flood inundation map: Edelen, G. W., Jr. 00212

**Newark area**
- Flood inundation map: Edelen, G. W., Jr. 00576

**Pollution**
- Problems and correction: Nichols, J. H. 02229

**Rocky River harbor**
- Flood control project: U.S. Army Corps of Engineers. 01826

**Zanesville area**
- Flood inundation map: Edelen, G. W., Jr. 00578

Ohio River

**Pollution**
- Annual report, 1964: ORSANCO. 01526
- Upper Limnological study for nuclear industry waste disposal: Shapiro, M. A. 01554
- Tracer studies, rhodamine-B: Kisiel, C. C. 01790

Ohio River basin

**Surface-water records, 1950–1960:** U.S. Geological Survey. 02040

Oklahoma

**Climatic classifications**
- Koppen and early Thornthwaite systems: Doerr, A. H. 01792
- Ground-water levels
  - Data, 1961–62: Wood, P. R. 00924

**Recharge**
- Effect of differential cattle stocking rates: Rhoades, E. D. 00751

**Surface-water quality**

Ontario

**Bancroft–Haliburton region**
- Uranium in water samples: Chamberlain, J. A. 00193

**Eastern**
- Investigation into nature of layering of deep-water lake sediments: Tippett, Roger. 01433

**Hydrologic data**
- Well samples, catalogue: Sanford, B. V. 00011

**Ottawa**
- Alaskan earthquake’s effects on water levels: Scott, J. S. 00357

**Prince Edward County**
- Deep lake basins, postglacial chronology: Terasmae, J. 01234

**St. Clair River**
- Channel changes since 1933: Korkigian, I. M. 01032

Oregon

**Columbia River**
- Coastal plume traced with zinc 65: Osterberg, Charles. 01350
- Radioactive particle in sediment: Cutshall, Norman. 00627

**Oregon**

**Columbia River**

**Columbia River basin**
- Development for power and irrigation: Nelson, H. T. 01125

Eastern

**Maximum flood frequencies**: Boyer, P. B. 02108

**Piping in volcanic rock terrane**: Parker, G. G. 01320

**Flood control**
- General discussion: Talbott, V. J. 02247

Forests

**Management**: Richen, C. W. 02240

**Ground water**
- Ground-water levels, 1963: Sceva, J. E. 01638

**Hood drainage basin**
- Water and related land resources: U.S. Department of Agriculture. 00417

Irrigation

**General discussion**: King, A. S. 02209

**General discussion**: Mangan, J. F. 01999

Josephine County, Rogue River basin
- Proposed irrigation project: U.S. Bureau of Reclamation. 01172

Lake County
- Ground water in Fort Rock Basin: Hampton, E. R. 01967

Lost River system
- Water quality management study: Orlob, G. T. 00756

Middle coast drainage basin
- Water and related land resources: U.S. Department of Agriculture. 00416

Natural resources
- Popular account: U.S. Department of the Interior. 00420

Portland area
- Ground-water data: Foxworthy, B. L. 01142

Rogue River basin, Merlin division
- Proposed irrigation project: U.S. Bureau of Reclamation. 01172

Surface water
- Correlation of temperature data: Moore, A. M. 00174

**Tualatin River, Scoggin Creek**
- Multiple-purpose development project proposal: U.S. Bureau of Reclamation. 01009

Umatilla River basin
- Ground water: Hogenson, G. M. 01254

**Umpqua River basin**
- Water temperature control: Delay, W. H. 02010

Union County
- Ground water, upper Grande Ronde River basin: Hampton, E. R. 00523

Water management
- Water quality control: Everts C. M. 01996

Water quality
- Effect on fish: Meierjurgen, H. P. 02219
- Problems, future needs: Wendel, H. F. 01686
**Oregon**

**Water resources**
- Development, local participation: Rea, Lloyd. 02237
- Domestic, municipal water needs: Merryfield, Fred. 02222
- Flood control and multiple-purpose water resources development: Stewart, W. H. 01994
- General discussion: Oregon Dept. Planning and Development. 00272
- Planning: Davis, John. 03023
- Planning and development: Karr, M. H. 02000
- Planning and development: Oregon State University. 01143

**Water use**
- Fish and wildlife: Schneider, P. W. 01997
- Industrial requirements: Smith, R. L. 02244
- Mining, mineral industries: McColloch, F. C. 02218
- Navigation: Hasselbrink, Lyle. 02261
- Recreation: Jackson, G. L. 02205
- Recreation: Schick, Harold. 01998
- Wildlife: Greenough, Tallant. 02197

**Willamette Basin**
- Agronomic potential: Boersma, Larry. 01126
- Water resources planning activities: Lane, D. J. 01993

**Willamette River basin**
- Water and related land resources, lower basin: U.S. Department of Agriculture. 00415

**Yaquina Bay**
- Biological and chemical features: Frolander, H. F. 00447

**Pacific Northwest**

**Watershed planning**
- Conflicting interests: Benedetti, A. J. 00975

**Pacific slope basins**

**California**

**Oregon and lower Columbia River basin**
- Flood magnitude and frequency: Hulsing, Harry. 01251

**Washington and upper Columbia River basin**
- Flood magnitude and frequency: Bodhaine, G. L. 01252

**Pakistan**

**Indus Plain**
- Hydrology, waterlogging and salinity problems: Harvard Water Resources Group. 01502
- Hydrology, waterlogging and salinity problems: White House–Department of Interior. 01022

**Indus River**
- Water resources development: Joy, C. R. 01501

**Pakistan**

**Indus Valley**
- Water resources: Karpov, A. V. 00037

**Pennsylvania**

**Adams County**
- Hydrology, New Oxford Formation: Wood, P. R. 01144

**Anthracite field, northern**
- Mine–water drainage: Barnes, Ivan. 00509

**Chartiers Creek basin**
- Flood control project: U.S. Army Corps of Engineers. 01178

**Coastal area**
- Delaware River and Bay, interim hurricane survey: U.S. Army Corps of Engineers. 01184

**Ground water**
- Occurrence in fracture zones in carbonate rocks: Lattman, L. H. 01353

**New Oxford Formation**
- Hydrology, Adams and York Counties: Wood, P. R. 01144

**Potomac River basin**
- Water management, planning, economic development: Interstate Comm. Potomac River Basin. 02134
- Water use and quality: Mason, K. M. 02060

**Susquehanna River basin, West Branch**
- Surface–water quality: McCarren, E. F. 00566

**Western**

**York County**
- Hydrology, New Oxford Formation: Wood, P. R. 01144

**Permafrost**

**Bibliography**
- U.S. Library of Congress. 02024

**Bibliography index**
- Snow, ice, and permafrost: U.S. Library of Congress. 02115

**Distribution**
- Mackenzie Delta, Northwest Territories: Johnston, G. H. 01707

**Engineering problems**
- Alaska: Migliaccio, R. R. 01987

**Geocryological phenomena**
- General discussion, formation: Kachurin, S. P. 01073

**Ground temperature**
- Unfrozen zone under lake: Brown, W. G. 00016

**Well development**
- Alaska: Tisdal, F. W. 00089
- Bethel, Alaska: Feulner, A. J. 00170

**Wells**
- Thawing by electrical means: Eaton, E. R. 01409

**Permeability**

**Determination**
- Acoustic logging, locating fracture zones: Morris, R. L. 00740
- Clay: Young, Allen. 00729
Permeability

Determination
Core analysis, Tensleep Sandstone: Bredehoeft, J. D. 00171
Eliminating boundary-flow errors in laboratory: McNeal, B. L. 01162
Limitations in heterogeneous aquifers: Rasmussen, W. C. 00375
Nuclear magnetism logging, field results: Gamson, B. W. 00734

Directional
Determination: Weeks, E. P. 01981
Heterogeneous anisotropic porous media: Greenkorn, R. A. 00919

Fractured rock
Airphoto mapping: Boyer, R. E. 01147
Development of fracture porosity: Drummond, J. M. 01321
Ground water in carbonates: Lattman, L. H. 01353
Pressure behavior, vertical fractures: Russell, D. G. 00748

Peat
General discussion: Hofstetter, R. H. 00195
Porosity relations
Carbonate stratigraphic traps: Stout, J. L. 00090
Primary
Blocking by clay, effects of water chemistry: Jones, F. O., Jr. 00738
Sandstone
Effect of bacteria: Kalish, P. J. 00741
Secondary
Carbonate rocks: Owen, E. W. 00092
Shaly sands
Increase with chemicals: Chakravorty, S. K. 00747
Soil
Effects of various clay minerals: Lovas, L. 00373
Theory
Dispersion, an extension of Darcy's concept of ground-water motion: Skibitzke, H. E. 00133

Philippines
Luzon Island, Poro Point
Fresh-water—saline-water relationships: Worts, G. F., Jr. 02007

Phreatophytes
Description
Aerial photography: Lohman, S. W. 01145
Ground-water salvage
New Mexico, Pecos River: Mower, R. W. 01206
Rio Grande, New Mexico
Plant communities, comparative study: Campbell, C. J. 01753
Survey procedure
Vegetation management: Horton, J. S. 00921
Transpiration reduction
Effect of alkylsulfocetic acids: Zelitch, Israel. 00808
Water consumption
Three observations on streamflow depletion: Meyboom, Peter. 01316

Phreatophytes
Western States
Research, 1959-64: Robinson, T. W. 00757

Piedmont
Streams
Channel geometry: Kilpatrick, F. A. 00134

Poland
Olza
Dew measurements: Hutorowicz, Halina. 00324

Pollution
Abatement
Benthic recolonization in Raritan River estuary: Dean, David. 01224
Accidental
Environmental study of radium release: Pendleton, R. C. 00445
Phenol compounds: Krombach, H. 02212
Agricultural
Chemicals, retention and movement in soils: Kunze, G. W. 01263
Ground-water contamination from cotton processing: Fink, B. E. 00835

Aquatic organisms
Algae, blue-green: Gaufin, A. R. 01873

Bacterial
Use of enterococcus group, indicator of fecal pollutions: Hanes, N. B. 0066
Waterborne-disease outbreaks: Weibel, S. R. 01480

Biological
Algae, effect of dilution media on BOD: Allen, M. M. 00448
Effect of algae on BOD measurements: Fitzgerald, G. P. 00455
Nematode population measurements: Chaudhuri, N. 00055
Toxic algae: Gorham, P. R. 01670
Biologically-resistant pollutants
Removal by adsorption: Morris, J. C. 00696

California
Alameda Creek watershed above Niles: U.S. Geological Survey. 00248

Chemical
Status and projection: Anderson, J. B. 00488
Coastal
Foraminifera as indicators: Bndy, O. L. 01819
Foraminifera as indicators: Bndy, O. L. 01894
Hawaii, Kailua Bay: Belt, R. M. 01410
Hawaii, Pearl Harbor: Smith, R. L., Jr. 01821
Oil and grease: Ludwig, H. F. 01418

Conference proceedings
Advances in Water Pollution Research, volume 1—rivers: Southgate, B. A. 01025
Advances in Water Pollution Research, volume 2—waste disposal: Eckenfelder, W. W. 01024
Advances in Water Pollution Research, volume 3—coastal waters: Pearson, E. A. 02097

Control
Bacteria as indicators of fecal pollution: Hanes, N. B. 0066
<table>
<thead>
<tr>
<th>Index</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pollution Control</td>
<td>198</td>
</tr>
<tr>
<td>California, state activities: California State Assembly.</td>
<td>02132</td>
</tr>
<tr>
<td>Congressional hearings: U.S. Congress, House.</td>
<td>01583</td>
</tr>
<tr>
<td>Data storage and retrieval: Green, R. S.</td>
<td>01697</td>
</tr>
<tr>
<td>Detergents, development of LAS: Swisher, R. D.</td>
<td>01086</td>
</tr>
<tr>
<td>Detergents, water treatment: Justice, D.</td>
<td>01085</td>
</tr>
<tr>
<td>Federal activities, Southeast project: Thoman, J. R.</td>
<td>00429</td>
</tr>
<tr>
<td>Federal participation: Atkins, C. H.</td>
<td>01850</td>
</tr>
<tr>
<td>Industrial effluent monitors: Davis, R. C.</td>
<td>01404</td>
</tr>
<tr>
<td>Patuxent River basin: Davis, R. K.</td>
<td>01432</td>
</tr>
<tr>
<td>Regional management, economics: Kneese, A. V.</td>
<td>01782</td>
</tr>
<tr>
<td>Role of State government: Pickard, R. C.</td>
<td>01953</td>
</tr>
<tr>
<td>State regulation of water quality: Herzik, G. R., Jr.</td>
<td>00491</td>
</tr>
<tr>
<td>Waste disposal site evaluation: LeGrand, H. E.</td>
<td>01711</td>
</tr>
<tr>
<td>Water Pollution Control Act Amendments: U.S. Congress, House.</td>
<td>01806</td>
</tr>
<tr>
<td>Water Pollution Control Act Amendments: U.S. Congress, House.</td>
<td>01187</td>
</tr>
<tr>
<td>Wisconsin: Voigt, L. P.</td>
<td>00467</td>
</tr>
<tr>
<td>Detergents</td>
<td>199</td>
</tr>
<tr>
<td>ABS, adsorption on clay minerals: Wayman, C. H.</td>
<td>02256</td>
</tr>
<tr>
<td>Biological aspects, Saskatchewan: Wade, D. E.</td>
<td>01074</td>
</tr>
<tr>
<td>Comments on the Federal Water Pollution Control Act: Water Well Journal.</td>
<td>03024</td>
</tr>
<tr>
<td>Fate in ground water: McGauhey, P. H.</td>
<td>00433</td>
</tr>
<tr>
<td>Field study, LAS biodegradation: Hanna, G. P.</td>
<td>01955</td>
</tr>
<tr>
<td>Ground water, Long Island, New York: Perlmuter, N. M.</td>
<td>00163</td>
</tr>
<tr>
<td>Movement through aquifer: Suess, M. J.</td>
<td>00056</td>
</tr>
<tr>
<td>Determination</td>
<td>200</td>
</tr>
<tr>
<td>Aerial water quality reconnaissance system: Strandberg, C. H.</td>
<td>01146</td>
</tr>
<tr>
<td>Biological indicators: Gauflin, A. R.</td>
<td>00487</td>
</tr>
<tr>
<td>Biological measurements: Beak, T. W.</td>
<td>01133</td>
</tr>
<tr>
<td>Dissolved oxygen analysis, field survey procedures: Porges, Ralph.</td>
<td>00451</td>
</tr>
<tr>
<td>Dissolved oxygen, field analysis kit: Scott, R. H.</td>
<td>00439</td>
</tr>
<tr>
<td>Ecological methods: Jackson, D. F.</td>
<td>01230</td>
</tr>
<tr>
<td>Indicators, Mayfly distribution: Fremling, C. R.</td>
<td>01637</td>
</tr>
<tr>
<td>Survival of indicator bacteria: Scarce, L. E.</td>
<td>00999</td>
</tr>
<tr>
<td>U.S. Public Health Service surveillance system data (1963 ed.), 11 v.: U.S. Public Health Service.</td>
<td>01420</td>
</tr>
<tr>
<td>Estuaries</td>
<td>201</td>
</tr>
<tr>
<td>Algae's effect on oxygen balance: Hull, C. H. J.</td>
<td>02172</td>
</tr>
<tr>
<td>Estuaries</td>
<td>202</td>
</tr>
<tr>
<td>Dispersion, analog computation, Delaware estuary: O'Connor, D. J.</td>
<td>01154</td>
</tr>
<tr>
<td>Effects of water resources development: Diener, R. A.</td>
<td>00486</td>
</tr>
<tr>
<td>Indicated by yeast ecology: Taysi, I.</td>
<td>00365</td>
</tr>
<tr>
<td>Mixing processes in tidal estuary: Bowden, K. F.</td>
<td>00698</td>
</tr>
<tr>
<td>Nitrogen transformations: Wilkinson, L.</td>
<td>00699</td>
</tr>
<tr>
<td>Study for future tidal estuary: Rambow, C. A.</td>
<td>01343</td>
</tr>
<tr>
<td>Study of mixing processes: Pyatt, E. E.</td>
<td>01381</td>
</tr>
<tr>
<td>Fish kills</td>
<td>203</td>
</tr>
<tr>
<td>Guidelines for investigation: Stein, J. E.</td>
<td>02017</td>
</tr>
<tr>
<td>General discussion</td>
<td>204</td>
</tr>
<tr>
<td>Action program for community organizations: U.S. Public Health Service.</td>
<td>00423</td>
</tr>
<tr>
<td>Western Resources Papers, 1963: McNickle, R. K.</td>
<td>01787</td>
</tr>
<tr>
<td>Geological aspects</td>
<td>205</td>
</tr>
<tr>
<td>Brief discussion: Rainwater, Frank.</td>
<td>00211</td>
</tr>
<tr>
<td>Ground water</td>
<td>206</td>
</tr>
<tr>
<td>ABS adsorption on soils: Swess, M. J.</td>
<td>00453</td>
</tr>
<tr>
<td>ABS adsorption on soils: Suess, M. J.</td>
<td>00039</td>
</tr>
<tr>
<td>ABS, retardation in aquifers: Suess, M. J.</td>
<td>00056</td>
</tr>
<tr>
<td>Management aspect: LeGrand, H. E.</td>
<td>01345</td>
</tr>
<tr>
<td>Movement of fluid waste: Brown, R. H.</td>
<td>02170</td>
</tr>
<tr>
<td>Nassau County, cadmium and chromium: Lieber, Maxim.</td>
<td>01803</td>
</tr>
<tr>
<td>Oil-field brines: Morris, J. M., Jr.</td>
<td>00396</td>
</tr>
<tr>
<td>Quality problems with well water: Larson, T. E.</td>
<td>01474</td>
</tr>
<tr>
<td>Sanitary land fills: Weaver, L.</td>
<td>02167</td>
</tr>
<tr>
<td>Well placement near horizontal lens: Lehr, J. H.</td>
<td>00436</td>
</tr>
<tr>
<td>Industrial</td>
<td>207</td>
</tr>
<tr>
<td>Pulp and paper industry: Bendetsen, K. R.</td>
<td>01607</td>
</tr>
<tr>
<td>Pulp and papermill wastes effects on fish: Grande, Magne.</td>
<td>03021</td>
</tr>
<tr>
<td>Recent developments in treatment: Liebmann, H.</td>
<td>00472</td>
</tr>
<tr>
<td>Standards, yours or mine: Gurnham, C. F.</td>
<td>01606</td>
</tr>
<tr>
<td>Metals</td>
<td>208</td>
</tr>
<tr>
<td>Toxicity measurement, suggested method: Lamb, R.</td>
<td>02213</td>
</tr>
<tr>
<td>Mine drainage</td>
<td>209</td>
</tr>
<tr>
<td>Influence on Beaver Creek basin, Kentucky: Collier, C. R.</td>
<td>00501</td>
</tr>
<tr>
<td>Pennsylvania, West Branch Susquehanna River basin: McCarron, E. F.</td>
<td>00566</td>
</tr>
<tr>
<td>Mississippi River</td>
<td>210</td>
</tr>
<tr>
<td>General discussion: Terral, Rufus.</td>
<td>02135</td>
</tr>
<tr>
<td>Mayfly distribution as indicator: Fremling, C. R.</td>
<td>01637</td>
</tr>
<tr>
<td>Natural</td>
<td>211</td>
</tr>
<tr>
<td>Color in water, chemistry: Christman, R. F.</td>
<td>00637</td>
</tr>
<tr>
<td>Odor</td>
<td>212</td>
</tr>
<tr>
<td>Research: Hoak, R. D.</td>
<td>01736</td>
</tr>
<tr>
<td>Pollution</td>
<td>Reservoirs</td>
</tr>
<tr>
<td>-----------</td>
<td>------------</td>
</tr>
<tr>
<td>Oil-field brine</td>
<td>Oxygen regime, self-purification: Drachev, S. M. 00686</td>
</tr>
<tr>
<td>Walnut River, Kansas: Leonard, R. B. 01332</td>
<td>Recreational use: Ongerth, F. J. 01472</td>
</tr>
<tr>
<td>Oregon</td>
<td>Sea</td>
</tr>
<tr>
<td>Water quality control: Everts, C. M. 01996</td>
<td>Radioisotopes, radioactive waste disposal: Mauchline, J. 01937</td>
</tr>
<tr>
<td>Organic</td>
<td>Sewage</td>
</tr>
<tr>
<td>Distinguished by carbon-14 extraction: Rosen, A. A. 00811</td>
<td>Biological removal of nutrients: Fitzgerald, G. P. 00681</td>
</tr>
<tr>
<td>Effects on ecology: Hawkes, H. A. 00693</td>
<td>Effects on ground water, Livermore Valley, California: Hansen, W. R. 01550</td>
</tr>
<tr>
<td>Evaluation techniques: Ryckman, D. W. 01673</td>
<td>Lagoons, effects on ground and surface water: Svore, J. H. 00025</td>
</tr>
<tr>
<td>Phenol compounds, small watercourse: Krombach, H. 02212</td>
<td>Nutrients removal by electrolytic treatment: Foy, Ernst. 00679</td>
</tr>
<tr>
<td>Recovery and identification: Hoak, R. D. 01736</td>
<td>Stream self-purification</td>
</tr>
<tr>
<td>Oxygen balance</td>
<td>Biological extraction and accumulation: Velz, C. J. 00685</td>
</tr>
<tr>
<td>Nitrification significance in stream analysis: Courchaine, R. J. 01152</td>
<td>Effect of temperature, oxygen, nitrogen: Leclerc, E. 00687</td>
</tr>
<tr>
<td>Pacific Northwest</td>
<td>Gas absorption by turbulent liquids: Dobbins, W. E. 00694</td>
</tr>
<tr>
<td>General discussion: Hunt, J. C. 01462</td>
<td>Microbial decomposition: Jannasch, H. W. 01309</td>
</tr>
<tr>
<td>Pesticides</td>
<td>Pesticides degradation: Buescher, C. A. 00446</td>
</tr>
<tr>
<td>Agricultural river basin, Alabama: Nicholson, H. P. 01219</td>
<td>Plants and animals, effects on DO: Edwards, R. W. 02096</td>
</tr>
<tr>
<td>Analysis in Missouri River: Goodenkauf, Arley, 00072</td>
<td>Reaeration rates, prediction: Churchill, M. A. 00689</td>
</tr>
<tr>
<td>Bibliography: Duggan, P. R. 00625</td>
<td>River receiving capacity, determination: Schroepfer, G. J. 00690</td>
</tr>
<tr>
<td>Chlorinated hydrocarbons, degradation in river water: Buescher, C. A. 00446</td>
<td>Role of aquatic actinomycetes: Silvey, J. K. G. 03013</td>
</tr>
<tr>
<td>DDT persistence: Welch, E. B. 00452</td>
<td>Surface water</td>
</tr>
<tr>
<td>Detection by biochemical assay: Weiss, C. M. 00437</td>
<td>BOD and oxygen relationships in natural streams: Dobbins, W. E. 00048</td>
</tr>
<tr>
<td>Organic: Faust, S. D. 00060</td>
<td>Quantitative biological measurement: King, D. L. 00443</td>
</tr>
<tr>
<td>President's Advisory Committee report: Clement, R. C. 01245</td>
<td>Sediment: Swenson, H. A. 01650</td>
</tr>
<tr>
<td>Research and education needs: Brady, N. C. 00489</td>
<td>Strip-mining legislation: Meiners, R. G. 01319</td>
</tr>
<tr>
<td>Toxicological effects, fish environment: Walker, C. R. 01935</td>
<td>Trace elements</td>
</tr>
<tr>
<td>Watershed sanitation: Taylor, F. B. 00237</td>
<td>Cadmium, chromium, Nassau County, New York: Lieber, Maxim. 01803</td>
</tr>
<tr>
<td>Petrochemicals</td>
<td>Tracing</td>
</tr>
<tr>
<td>Toxicity effects on aquatic environment: Malina, J. F., Jr. 01824</td>
<td>Use of rhodamine B dye: Buchanan, T. J. 01292</td>
</tr>
<tr>
<td>Petroleum products</td>
<td>Waste loads, streams: Muller-Neuhaus, G. 01329</td>
</tr>
<tr>
<td>Kerosene, removal from water supply: Weir, Paul, 01704</td>
<td>Viruses</td>
</tr>
<tr>
<td>Popular literature: Cubbedge, R. E. 02077</td>
<td>Source, survival, and removability: Clarke, N. A. 00697</td>
</tr>
<tr>
<td>Problems</td>
<td>Water quality management</td>
</tr>
<tr>
<td>Nontechnical discussion: Bredemus, R. N. 00466</td>
<td>California sewerage enabling acts: California Water Quality Control. 01185</td>
</tr>
<tr>
<td>Radioactive</td>
<td>Electronic monitor system: Cleary, E. J. 01751</td>
</tr>
<tr>
<td>Environmental study, Jordan River Delta: Pendleton, R. C. 00445</td>
<td></td>
</tr>
</tbody>
</table>
INDEX

Pollution
Water quality standards
Chromate toxicity, discussion: Ingols, R. S. 01956
Industry responsibility: Bueltman, C. G. 00492

Porous media
Capillary hysteresis
Similarity hypothesis: Philip, J. R. 00710
Diatomite filtration equation
Modified form: Baumann, E. R. 00061

Diffusion
Entrapped air: Bloomsburg, G. L. 02102
Oxygen, laboratory determination: Willey, C. R. 01166
Stable and unstable flow: Biggar, J. W. 01157

Fluid flow
Air: Yen, Y. C. 00727
Darcy's concept, an extension, ground-water motion: Skibitzke, H. E. 00133
Dispersion: Ogata, Akio. 01969
Dispersion and adsorption: Ogata, Akio. 01267
General equations of hydrodynamic dispersion: Bachmat, Y. 00716
Hodograph method: Bear, Jacob. 00711
Review of theories, multiphase fluids: Stallman, R. W. 00132
Saturated and unsaturated flow in an unstable medium: Zaslavsky, Dan. 00299
Seepage; stratified, saturated media: Swartzendruber, Dale. 01614
Spacing of drains by an approximate method: Dagan, Gedeon. 01860
Statistical hydrodynamics: Scheidegger, A. E. 01776
Two-phase, air-water: Brooks, R. H. 00209
Unsaturated material, anisotropic, theoretical aspects: Liakopoulos, A. C. 02162
Unsteady, unsaturated flow: Wang, F. C. 00717
Velocity and distribution: Timur, A. 00815

Hydraulics
Relation to drainage design: Brooks, R. H. 01278
Unsaturated transient flow: Ohmstede, W. D. 00703

Liquid absorption
Quantitative determination: Fels, I. G. 00387

Porosity
Determination: Hubbard, R. M. 00737

Potomac River
Development
Impact on park and natural values: Carver, J. A., Jr. 00268

Potomac River basin
Pennsylvania portion
Water use and quality: Mason, K. M. 02060

Pollution control

River-basin planning and development
Conflict of values: Davies, W. E. 01065

Potomac River basin
U.S. Army Corps of Engineers report

Water quality network
Data, water year 1964: Interstate Comm. Potomac River Basin. 01421

Water supply
Economics of quality control: Davis, R. K. 01432

Precipitation
Arizona
Data: Green, C. R. 00662

Chemical composition
Ammonia and nitrate, concentration relation to environment: Yaalon, D. H. 01960
General discussion: Gamble, A. W. 01296
Radiochemical fallout of a Pacific storm: Kruger, Paul. 00705
Salt concentrations, Rio Grande Valley: Fanning, C. D. 00638
Snow, Sierra Nevada and other areas: Feth, J. H. 00518
Stable isotopes: Dansgaard, W. 00716
Washout of tritiated water vapor by rain: Chamberlain, A. C. 01556

Cloud seeding
Effects of dry ice: Takeda, K. 01561
Review of current status: S-heusener, R. A. 00031

Dendrochronology
Results of study: Schneider, V. J. 01973

Dendroclimatology
Diurnal and seasonal variation in stem radii: Kozlowski, T. T. 01881

Design storms
Spillway design—large structures, adequate data: Snyder, F. F. 00771
Spillway design—large structures, limited data: Koelzer, V. A. 00769
Spillway design—small structures, limited data: Ogrosky, H. O. 00770

Dew
Effect on plants in Israel: Dun^devani, S. 00291
Measurement errors from Co-hcton lysimeter data: Harrold, L. L. 00327
Measurements, Olsztyn, Poland: Hutorowicz, Halina. 00324

Distribution
Alabama, by months: Lon, A. R. 00250
Comparison of Lake Michigan with Chicago: Williams, G. C. 01238
Design of catchment size for stockwater systems: Verner, J. E. 00775
General discussion: Gilman, C. S. 01513
Great Lakes area: Kresge, R. F. 00323
Illinois: Huff, F. A. 01562
Summer storms, Lake States: Wheaton, R. Z. 00108

Pollution
Water quality standards
Chromate toxicity, discussion: Ingols, R. S. 01956
Industry responsibility: Bueltman, C. G. 00492

Porous media
Capillary hysteresis
Similarity hypothesis: Philip, J. R. 00710
Diatomite filtration equation
Modified form: Baumann, E. R. 00061

Diffusion
Entrapped air: Bloomsburg, G. L. 02102
Oxygen, laboratory determination: Willey, C. R. 01166
Stable and unstable flow: Biggar, J. W. 01157

Fluid flow
Air: Yen, Y. C. 00727
Darcy's concept, an extension, ground-water motion: Skibitzke, H. E. 00133
Dispersion: Ogata, Akio. 01969
Dispersion and adsorption: Ogata, Akio. 01267
General equations of hydrodynamic dispersion: Bachmat, Y. 00716
Hodograph method: Bear, Jacob. 00711
Review of theories, multiphase fluids: Stallman, R. W. 00132
Saturated and unsaturated flow in an unstable medium: Zaslavsky, Dan. 00299
Seepage; stratified, saturated media: Swartzendruber, Dale. 01614
Spacing of drains by an approximate method: Dagan, Gedeon. 01860
Statistical hydrodynamics: Scheidegger, A. E. 01776
Two-phase, air-water: Brooks, R. H. 00209
Unsaturated material, anisotropic, theoretical aspects: Liakopoulos, A. C. 02162
Unsteady, unsaturated flow: Wang, F. C. 00717
Velocity and distribution: Timur, A. 00815

Hydraulics
Relation to drainage design: Brooks, R. H. 01278
Unsaturated transient flow: Ohmstede, W. D. 00703

Liquid absorption
Quantitative determination: Fels, I. G. 00387

Porosity
Determination: Hubbard, R. M. 00737

Potomac River
Development
Impact on park and natural values: Carver, J. A., Jr. 00268

Potomac River basin
Pennsylvania portion
Water use and quality: Mason, K. M. 02060

Pollution control

River-basin planning and development
Conflict of values: Davies, W. E. 01065

Potomac River basin
U.S. Army Corps of Engineers report

Water quality network
Data, water year 1964: Interstate Comm. Potomac River Basin. 01421

Water supply
Economics of quality control: Davis, R. K. 01432

Precipitation
Arizona
Data: Green, C. R. 00662

Chemical composition
Ammonia and nitrate, concentration relation to environment: Yaalon, D. H. 01960
General discussion: Gamble, A. W. 01296
Radiochemical fallout of a Pacific storm: Kruger, Paul. 00705
Salt concentrations, Rio Grande Valley: Fanning, C. D. 00638
Snow, Sierra Nevada and other areas: Feth, J. H. 00518
Stable isotopes: Dansgaard, W. 00716
Washout of tritiated water vapor by rain: Chamberlain, A. C. 01556

Cloud seeding
Effects of dry ice: Takeda, K. 01561
Review of current status: S-heusener, R. A. 00031

Dendrochronology
Results of study: Schneider, V. J. 01973

Dendroclimatology
Diurnal and seasonal variation in stem radii: Kozlowski, T. T. 01881

Design storms
Spillway design—large structures, adequate data: Snyder, F. F. 00771
Spillway design—large structures, limited data: Koelzer, V. A. 00769
Spillway design—small structures, limited data: Ogrosky, H. O. 00770

Dew
Effect on plants in Israel: Dun^devani, S. 00291
Measurement errors from Co-hcton lysimeter data: Harrold, L. L. 00327
Measurements, Olsztyn, Poland: Hutorowicz, Halina. 00324

Distribution
Alabama, by months: Lon, A. R. 00250
Comparison of Lake Michigan with Chicago: Williams, G. C. 01238
Design of catchment size for stockwater systems: Verner, J. E. 00775
General discussion: Gilman, C. S. 01513
Great Lakes area: Kresge, R. F. 00323
Illinois: Huff, F. A. 01562
Summer storms, Lake States: Wheaton, R. Z. 00108
BIBLIOGRAPHY OF HYDROLOGY, 1964

Precipitation

Distribution
Wind effects near small hills: James, J. W. 00712

Effective rainfall
Irrigation water requirements: Hershfield, D. M. 00041

Erosion
Waterdrop impact forces: Palmer, R. S. 00321

Frequency
Small daily rainfall amounts in Eastern U.S.: Hershfield, D. M. 01865

Interception
Direct from cloud water by vegetation: Ekern, P. C. 02193
Factors influencing amount: Lull, H. W. 02061

Measurement
Equipment and accuracy: Gilman, C. S. 01513
Evaluation: Wilson, J. W. 01560
Lake as a rain gauge: Anderson, D. V. 02088
Radar: Flanders, A. F. 00325
Ratio of true to fixed-interval maximum rainfall: Weiss, L. L. 00032
Snow survey and climatological data, relationships: McKay, G. A. 00958
Telemetering system: Chadwick, D. G. 00897
Weekly, with modified rain gauge: Smith, A. D. 00018

Rainfall-runoff relationships
California, Kings River: Barnes, S. M. 01272
Catchment storage model for runoff routing: Laurenson, E. M. 00352
Digital computer, Stanford Watershed Model (Mark II): Crawford, N. H. 01448
Flow predictions: Huff, F. A. 00700
Semi-arid rangelands: Osborn, H. B. 01882
Snowmelt, flood forecasting: Cuthbertson, W. B. 00880
Snowmelt-streamflow studies: Davar, K. S. 00881

Runoff
Impervious surface: Yu, Y. S. 00479

Snow
Bibliography: U.S. Library of Congress. 02024
Comprehensive discussion: Mellor, Malcolm. 01985
Density: Power, B. A. 00879
General discussion: Mellor, Malcolm. 02220
Maximum 24-hour snowfall, estimation: Hershfield, D. M. 01723
Radar observations, lake effect: Lansing, Livingston. 00962
Water equivalence: Power, B. A. 01563

Statistical analysis
General discussion of methods: Gilman, C. S. 01513
Quantity variability, periods equal to or exceeding one month: Szigyarto, Z. 02246
Seasonal forecasting: Willett, H. C. 00235
Variability of surface distribution: Petrlik, Jaroslav. 00322

Precipitation

Storm events
Movements, convective storms: Newton, C. W. 01919

Storm period
Effects on sediment transport: Guy, H. P. 00136

Variability
Application of severe rainfall data in engineering design: Ackermann, W. C. 00101
Fluctuations of wet and dry years: Yevdjevich, V. M. 01817
Periods equal to or exceeding one month: Szigyarto, Z. 02246
Surface distribution: Petrlik, Jaroslav. 00322
Weather modification and long-range forecasting: Pettersson, Sverre. 02236

Water budget
Daily balance: Kohler, M. A. 02210
Water vapor-precipitation relations, Canadian prairie: Bruce, J. P. 01710

Puerto Rico
Kartsi topography
Zanjon: Monroe, W. H. 02098

Limnology
Water analyses, Luquillo Experimental Forest: Hart, C. W., Jr. 00803

Rivers
Nickpoints: Jones, C. T. 00198
South Coast Irrigation District
Hydrologic study, Western Division: Munson, W. C. 01696

Surface-water quality
Inventory, unpublished analyses, 1961: Woodward, T. H. 00260
Too Alta, Too Baja, and Dorado
Flood inundation map: Lopez, M. A. 00618

Water resources
Progress report: Bogart, D. B. 01367
Water wells
Compilation of data: Ward, P. E. 01368

Quebec
Lachine—Saint-Jean area
Ground water: Freeze, R. A. 01490

Springs
Mineral springs: Paquet, R. 01077

Radioactivity
Age determination
Ground water, Roswell basin: Reeder, H. O. 00161

Ground water, tritium, interpretation of measurements: Nir, A. 02231
River mollusks and soil humus: Broeker, Wallace. 00807

Carbon-14
Determination of organic pollution sources: Rosen, A. A. 00811

Caves
Alabama, Hughes Cave: Reckmeyer, Verne. 00634

Colorado River basin
Waters, sediments, 1950-63: Wruble, D. T. 01933
Radioactivity

Columbia River
Elemental concentrations, variations: Silker, W. B. 01223
Radiological conditions, near Hanford, 1963: Foster, R. F. 02072
Radionuclides, 1961–63: Seymour, A. H. 01945

Columbia River sediments
Summary of studies, Hanford Laboratory, 1963–64: Nelson, J. L. 00411
Unusual radioactive particle in sediment: Cutshall, Norman. 00627

Fallout
Pacific storm, California: Kruger, Paul. 00705
Florida
Distribution in rocks and water: Osmond, J. K. 02105

Ground water
Contamination by nuclear cratering: Davis, S. N. 01102
Radium–226 and radon–222 distribution: Tanner, A. B. 00463
Underground nuclear explosions: Stead, F. W. 01691

Lakes
Distribution of natural isotopes of carbon: Deevey, E. S., Jr. 01892
Lead–210
Snow chronology, Antarctica: Crozaz, G. 00719

Measurement
Background radiation measurements: Grune, Werner. 00465
Evaluation of gross beta radiation analysis methods: Setter, L. R. 00059
Water supplies, radon–222, radium–226: Lucas, H. F., Jr. 00464

Monitoring
Ohio, Great Miami River: Adams, P. C. 01337
Oak Ridge National Laboratory
Annual report, 1964: Oak Ridge National Laboratory, 01952
Progress report, ecological aspects: Auerbach, S. I. 01951

Pollution
Radium, accidental release study: Pendleton, R. C. 00445

Precipitation
Washout of tritiated water vapor: Chamberlain, A. C. 01556
Radiotropes
Artificial, natural, in marine environment: Mauchline, J. 01937
Radionuclide sorption
Clay particles in river water: Garder, Karen. 02195

Sewage
Radioactivity in disposal systems: Folson, T. R. 01725

Soil–moisture measurement
Gamma attenuation: Reginato, R. J. 01163

Soils
Measurement, gamma–emitting radionuclides: Gustafson, P. F. 02092

Surface water
California, January–June 1953: California Dept. Public Health. 00385
Minnesota, July–December 1963: Minnesota Department of Health. 01928
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Tracers
Sediment transport studies: Hubbell, D. W. 00766
Soil moisture movement, D₂O–Na₂₂ method: Haskell, C. C. 01164
Tritium, ground–water tracer, Eddy County, New Mexico: Reeder, H. C. 01338
Turbine discharge measurement: Frederick, B. J. 00936

Transport of radionuclides
Clinch River, Tennessee: Parker, F. L. 00432
Dispersion in streams: Glover, R. E. 00135
Environmental behavior, worldwide scale: Straub, C. P. 02245
Ground water, underground explosions: Stead, F. W. 01691
Underground thermonuclear detonation: Essington, E. H. 00410

Tritium
Age and movement of ground water, Roswell basin: Reeder, H. O. 00161
Ground–water age determination: Nir, A. 02231
Isotopic exchange: Yang, J. Y. 00245
Natural, standardization of measurements: Ostlund, H. G. 01959
Tracer in evapotranspiration study: Lewis, D. C. 01302
U.S. Geol. Survey research: Carlson, C. W. 00809
Use and limitations as a tracer: Carlson, C. W. 02187

Uptake by living organisms
Thornback ray, Raia Clavata L.: Mauchline, John. 01218

Waste disposal
Bibliography: Davis, T. F. 00409
Progress report, Oak Ridge National Laboratory: Parker, F. L. 01950
Seepage basins: Reichert, S. O. 01396
Treatment, handling, disposal, low–level wastes: Straub, C. P. 01529
Radioactivity

Water supplies
Lead-210 and polonium-210: Holtzman, R. B. 01346

Recharge

Areas
Location by aerial photography: Lohman, S. W. 01145

Ground water
Hidden recharge areas: Feth, J. H. 02155

Rates
Effect of differential cattle stocking rates: Rhoades, E. D. 00751

Streamfed
Rates determined by aquifer test: Walton, W. C. 01879

Recharge, artificial

Economics
Nuclear vs. conventional means: Todd, D. K. 03011

General discussion: Hunziker, L. T. 02069

Ground–water storage
Mixing of waters: Harpaz, Y. 01349

Heat-pump systems
Hydrologic analysis: Fryberger, J. S. 01301

Hydrogeologic investigation
Arkansas, Grand Prairie region: Sniegocki, R. T. 00529

Infiltration
Natural conditions controlling rates: Schiff, Leonard. 01641
Physical and chemical considerations of rates: Schiff, Leonard. 00377

Irrigation effects
Idaho, Snake River basin: Mundorff, M. J. 01283

Limestone sinkholes
New Mexico, Roswell basin: Motts, W. S. 00963

Management
Formation of public districts: Smith, S. C. 01908

Model studies
Filtration coefficient and effective porosity: Knezek, M. 01437

Pits
Shape relative to infiltration rate: Lehr, J. H. 00075

Research
Texas, High Plains Research Foundation: Valliant, James. 01714

Site investigation
Filtration coefficient and effective porosity, integrated field and laboratory work: Knezek, M. 01437

Soil–water movement
Field measurement methods: Bianchi, W. C. 01467
Measurement for facility design: Schiff, Leonard. 01840

Storage available
San Joaquin Valley, California: Davis, G. H. 00531

Texas
Southern High Plains: Cronin, J. G. 02021

Republic of Korea

Hydrology
General discussion: Doyel, V. W. 01974

Research
Flood forecasting
Rainfall-runoff models: Kolm, M. A. 01800

Saline water
Ion exchange: Hendricks, S. B. 01465

Water resources
Water resources centers: Agnew, A. F. 01428

Reservoirs

American Falls
Photogrammetric methods of shoreline plotting: Crandall, D. L. 00053

Currents
Stability of two-layer stratified flow: Kao, T. W. 00004

Density currents
Causes and persistence: Elser, R. A. 00430
Effect on water quality: Churchill, M. A. 00431

Design
Storage calculation for droughts: Hudson, H. E., Jr. 02148
Streamflow data analyses, Illinois: Stall, J. B. 00494

Design studies
Application of severe rainfall data: Ackermann, W. C. 00101
California, Fish Slough Dam and Reservoir: California Dept. Water Resources. 01829

Downstream effect
Stream reaeration rates: Churchill, M. A. 00689
Water release effect on downstream temperature regimen: Delay, W. H. 02010

Economics
Construction, nuclear and conventional means: Todd, D. K. 03011

Effect on water quality
Oxygen regime, self-purification: Drachev, S. M. 00686

Energy budget
Water temperature prediction: Delay, W. H. 02010

Evaporation
Cooling ponds, forced evaporation estimation: Harbeck, G. E., Jr. 00044

Evaporation retardation
Research: Meinke, W. W. 00952

Failure
California, Baldwin Hills Reservoir: California Dept. Water Resources. 00800

Kansas
Lyon County State Lake, reflooding, limnology: Prophet, C. W. 02173

Land subsidence
Lake Mead, Nevada: Malmberg, G. T. 00909

Management
Moran's theory of dams, example: Jarvis, C. L. 02206
Probability theory with seasonal input: Lloyd, E. H. 00344

Releases, effect on downstream temperatures: Delay, W. H. 02010
<table>
<thead>
<tr>
<th>Reservoirs</th>
<th>River–basin planning and development</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management</td>
<td>Alberta</td>
</tr>
<tr>
<td>Reservoir regulation, textbook discussion:</td>
<td>Prairie Provinces Water Board: Raby, Stewart. 00802</td>
</tr>
<tr>
<td>Rutter, E. J. 01026</td>
<td>California</td>
</tr>
<tr>
<td>Merrimack River basin</td>
<td>State financial assistance to local water development: California State Assembly. 03017</td>
</tr>
<tr>
<td>Regulation: Childs, E. F. 00234</td>
<td>Climatic considerations</td>
</tr>
<tr>
<td></td>
<td>Application of severe rainfall data: Ackermann, W. C. 00101</td>
</tr>
<tr>
<td>Multipurpose</td>
<td>Columbia River basin</td>
</tr>
<tr>
<td>Optimum design: Hall, W. A. 00776</td>
<td>Columbia basin project: U.S. Bureau of Reclamation. 01582</td>
</tr>
<tr>
<td>Recreation and water supply, public health aspects: Ongerth, H. J. 01472</td>
<td>Hydrometeorological data network, British Columbia: Hunter, H. I. 00903</td>
</tr>
<tr>
<td>Nebraska</td>
<td>Water management planning: Towne, W. W. 00440</td>
</tr>
<tr>
<td>Harlan County, sedimentation: U.S. Army Corps of Engineers. 01722</td>
<td>Discussion of methods: Chow, V. T. 02080</td>
</tr>
<tr>
<td>Recreation</td>
<td>Flood–plain management</td>
</tr>
<tr>
<td>Limnological aspects: Mackenthun, K. M. 00422</td>
<td>Environmental aspects: Goddard, J. E. 01037</td>
</tr>
<tr>
<td>Sedimentation</td>
<td>General discussion: Dixon, J. W. 02073</td>
</tr>
<tr>
<td>Comparative studies, Illinois: Stall, J. B. 01713</td>
<td>Hydroelectric power resources</td>
</tr>
<tr>
<td>General discussion: Gottschalk, L. C. 01516</td>
<td>International cooperation</td>
</tr>
<tr>
<td>Harlan County, Republican River: U.S. Army Corps of Engineers. 01722</td>
<td>Columbia River: Sewell, W. R. D. 00993</td>
</tr>
<tr>
<td>Lake Pillsbury, California: Porterfield, George. 00552</td>
<td>International Hydrological Decade: United Nations. 02037</td>
</tr>
<tr>
<td>Sites</td>
<td>Lower Mekong River</td>
</tr>
<tr>
<td>Preservation: Olson, G. T., II. 00929</td>
<td>International cooperation: White, G. F. 01486</td>
</tr>
<tr>
<td>Storage requirements</td>
<td>Mapping</td>
</tr>
<tr>
<td>Long term, estimation: Beard, L. R. 01765</td>
<td>Requirements and method-- Bauer, K. W. 00051</td>
</tr>
<tr>
<td>Method of determination: Hardison, C. H. 00142</td>
<td>Multiple use</td>
</tr>
<tr>
<td>Textbook discussion: Rutter, E. J. 01026</td>
<td>Allocations, resolving conflicts: Hague, A. B., Jr. 00652</td>
</tr>
<tr>
<td>Water levels</td>
<td>New York</td>
</tr>
<tr>
<td>Measurement, seiches and setup: Elephant Butte Reservoir: Hayes, G. L., Jr. 00153</td>
<td>Oregon, Willamette Basin</td>
</tr>
<tr>
<td>Water quality</td>
<td>Willamette Basin Task Force activities: Lane, D. J. 00915</td>
</tr>
<tr>
<td>Blue-green algae, taste and odor production: Gaufin, A. R. 01873</td>
<td>Organization and methodology</td>
</tr>
<tr>
<td>Effect of air bubbling: Koberg, G. E. 00175</td>
<td>Case histories, Texas and Southeast river basins: Pealy, R. H. 01794</td>
</tr>
<tr>
<td>Piedmont Plateau: Wilroy, R. D. 01708</td>
<td>Seminar: Kindsvater, C. E. 01100</td>
</tr>
<tr>
<td>Water temperature</td>
<td>Pacific Southwest</td>
</tr>
<tr>
<td>Control: Delay, W. H. 02010</td>
<td>Water problems: California State Assembly. 02184</td>
</tr>
<tr>
<td>North–central Alabama: Peirce, L. B. 01847</td>
<td>Policy</td>
</tr>
<tr>
<td>Rhode Island</td>
<td>General discussion: Ciriacy–Wantrup, S. V. 01521</td>
</tr>
<tr>
<td>Block Island</td>
<td>Pollution control</td>
</tr>
<tr>
<td>Ground water: Hansen, A. J., Jr. 00935</td>
<td>Textbook: Kneese, A. V. 01777</td>
</tr>
<tr>
<td>Narragansett Bay</td>
<td>Reservoirs</td>
</tr>
<tr>
<td>Biological and chemical features: Frolander, H. F. 00447</td>
<td>Potential site preservation: Olson, G. T., II. 00929</td>
</tr>
<tr>
<td>Newport County</td>
<td>United States</td>
</tr>
<tr>
<td>Ground–water map, Prudence Island and Newport quadrangles: Schiner, G. R. 00891</td>
<td>Economic considerations: Green, W. A. 00648</td>
</tr>
<tr>
<td>Ground–water map; Tiverton, Sakonnet Point, Westport quadrangles: Schiner, G. R. 00892</td>
<td>History, legislation, concept-- Weber, E. W. 00646</td>
</tr>
<tr>
<td>Rio Grande</td>
<td>Role of agriculture: Young, G. E. 00647</td>
</tr>
<tr>
<td>Rio Grande basin</td>
<td>Hydrologic data</td>
</tr>
<tr>
<td>Records for 1963; Rio Grande Compact Commission. 01524</td>
<td></td>
</tr>
</tbody>
</table>
BIBLIOGRAPHY OF HYDROLOGY, 1964

River-basin planning and development

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Annual report, 1964: Upper Colorado River Commission, 00275

Wabash River basin
Basin approach to regional planning: Boyce, R. R. 01537

Water quality management
Socio-economic aspects: Kneese, A. V. 00438

Wisconsin River
Case history: Sheerar, L. L. 01035

Rivers

Arkansas River
Channel stabilization, hydraulic aspects:
  Petersen, M. S. 01036

International
Compacts: White, G. F. 01941

Sediment transport
Minimum total work expended in the system:
  Langbein, W. B. 00981

Shallow channels
Shear and velocity distribution: Lundgren, H. 00030

Tennessee River
Flood-plain management, environmental aspects:
  Goddard, J. E. 01037
  Navigation improvement, effects on environment:
    Nichols, R. B. 01034

Wisconsin River
Regulation: Sheerar, L. L. 01035

Rocky Mountains
Northern
Multiple use impact on silviculture: Wellner, C. A. 00916

Runoff

Annual
Relation of meteorological factors: Busby, M. W. 00166

Areal variations
Effects of channel loss and ground-water outflow on mean annual runoff:
  Hely, A. G. 00787

Channel storage
Loessial watersheds: Allis, J. A. 01466

Floodflows
Effect of watershed condition changes:
  Rallison, R. E. 00917

Forecast
Computer program, use: McCallister, J. P. 01762

Meteorological controls, floods, Fraser River:
  Bruce, J. P. 00901

Methods: Apollov, B. A. 01739

Methods, using channel reserves and inflow:
  Sapozhnikov, V. 01761

Parameters: Mitchell, W. B. 00900

Snowmelt, experimental watershed: Martinec, Jaroslav, 01764

Forested watersheds
Clearcutting, effect on overland flow, storm runoff:
  Reinhardt, K. G. 01770

Pre-logging studies, Oregon: Williams, R. C. 01192

Runoff

Hydrograph analysis
Computer programs for watersheds: Holtan, H. N. 00117

General discussion: Chow, V. T. 01514

Method for direct analysis: Levi, Enzo. 00353

Hydrograph synthesis
Storage-flow hysteresis: Holtan, H. N. 00359

Low flow
Analysis for reservoir design:
  Stall, J. B. 00494

Analysis, Markov model:
  Fiering, M. B. 01769

Deep and shallow aquifer sources: Kilpatrick, F. A. 00976

Distribution estimation from precipitation records:
  Huff, F. A. 02148

Droughts, discussion:
  Hudson, H. E., Jr. 02148

Effects of temperature and evaporation:
  Kovacs, Gy. 00968

Forecasting streamflow recession:
  Rorabaugh, M. I. 01628

Long-term riverflow forecasting:
  Popov, E. G. 01273

Low flow—precipitation deficiency relationships:
  Huff, F. A. 00700

Michigan streams:
  Gannon, J. J. 00992

Michigan streams, defining procedures:
  Gannon, J. J. 01720

Michigan streams, defining procedures:
  Gannon, J. J. 01721

New York: O'Connor, D. J. 01818

Pedernales River, Texas:
  Holland, P. H. 00827

Techniques of separation from channel storage, bank storage, and interflow:
  Rigs, H. C. 00969

Measurement
Aquatic vegetation effects, stage—discharge relations:
  Ostrowski, Stefan. 01733

Integration method:
  van Wijngaarden, H. 01898

Model studies
Digital river basin model:
  Hannaford, J. F. 00898

Storm runoff estimation:
  Betson, R. P. 00709

Overland flow
Impervious surface:
  Yu, Y. S. 00479

Rainfall—runoff relationships
Application of digital computer:
  Palmer, D. B. 00118

Catchment storage model for runoff routing:
  Laurenson, E. M. 00352

Effect of urbanization:
  Jens, S. W. 01517

General discussion:
  Chow, V. T. 01514

General discussion:
  Ogroszky, H. O. 02071

Low flow—precipitation drought relation:
  Hely, A. G. 00700

Low flow—precipitation drought relation:
  Huff, F. A. 00700

Monthly runoff determined from monthly rainfall:
  Gschwendtner, J. V. G. 01289

Precipitation data, use in correlating streamflow records:
  Martin, R. O. R. 01633
**Runoff**

*Rainfall-runoff relationships*

Regression models: Riggs, H. C. 00165
Snowmelt: Cuthbertson, W. B. 00880
Storm rainfall: Hamon, W. R. 01801
Tobique basin study: Davar, K. S. 00881

*Rangelands*

Effect of storm duration, southwest: Osborn, H. B. 01882
Effects of grazing intensity: Sharp, A. L. 00645

*Reduction*

Soil conservation practices: Stephens, Uel. 01646

*Simulation*

Monthly runoff, model description: U.S. Army Corps of Engineers. 03025

*Snowmelt*

Computed: Rantz, S. E. 01214
Forecasts based on areal distribution from satellite photographs: Tarble, R. D. 00326

*Stage-discharge relations*

General discussion: Boyer, M. C. 01515

*Storm runoff*

Effect on sediment transport: Guy, H. P. 00136

*Unit hydrographs*

Analysis for small watersheds, Texas: Meier, W. L., Jr. 00831
Computation, use of influence functions: Kalinin, G. P. 02207
Development methods compared: Hanson, T. L. 00120
Synthetic: Lienhard, J. H. 00731
Theory of analysis: Chow, V. T. 01514

*United States*

Generalized atlas: McGuinness, C. L. 01435

*Urban areas*

Factor in stream pollution: Weibel, S. R. 00444

*Urbanization effects*

California, Permanente Creek: Harris, E. E. 00522
Textbook discussion: Jens, S. W. 01517

*Variability*

Asynchronism, cyclic recurrence study, U.S.S.R.: Somov, N. V. 01757
Effects of climate: Browzin, B. S. 01235
Effects of organic trenching, agricultural areas: Kingsley, Q. S. 00640
Elbe River at Decin, Czechoslovakia: Urban, Jaroslav. 01634
Fluctuations of wet and dry years:
Yevdjevich, V. M. 01817
General discussion: Chow, V. T. 01514
Reservoir storage requirements: Hardison, C. H. 00142

*Russia*

European part
Regional regularities of the natural regime of unconfined ground waters: Konoplyantsev, A. A. 00380

**Saline water**

*Chemistry*

Appalachian connate water: Heck, E. T. 01019
CaCO₃ dissolution effects on electrolytic conductance: Park, Kilho. 00813
Carbon dioxide, pH relationship: Wood, K. G. 01308
Conductivity measurements, portable meters: Labrique, J. P. 01759
Great Salt Lake: Hahl, D. C. 00845

*Concentration*

Mechanism, brines in subsurface formations: Bredehoft, J. D. 02181
Mechanism, brines in subsurface formations: Rittenhouse, Gordon. 02241

*Conversion*

Demonstration plants, report: MacGowan, C. F. 01705
General discussion: Johnson Drillers Journal. 00332
Solar energy, multiple-effect desalinization system: Hodges, C. N. 01917
Summary, accomplishments, 1954–64: Bregman, J. I. 01620

*Estuaries*

Chlorinity determination by refractive index: Williams, H. B. 01569

*Geochemistry*

Phillipsite formation: Hay, R. L. 02094

*Ground water*

Kaolinite formation waters: Shelton, J. W. 01257

*Irrigation*

Effects on soil composition and crop yields: Lunin, J. 01623
General discussion: Allison, L. E. 03036

*Oil-field brine*

Disposal methods: Melton, C. G. 00739

*Salinity*

Estimation methods, recent advances: Johnston, R. 01909

*Texas*

Brazos River: Baker, R. C. 00547
Brazos River: Irelan, Burdge. 00853
Use for irrigation: Principles and experiments: Boyko, Hugo. 00910

*Utilization*

Predicting quality when pumping mixed aquifers: Goldberg, V. M. 00370

*Variability in shallow ground water*

North Dakota, Grand Forks County: Benz, L. C. 01014

*Saline-water intrusion*

California
Alameda County: Thronson, R. E. 00189

*Canals, locks*

Reduction method by air-bubble curtain: Abraham, G. 00303

*Coastal aquifers*

Salt dispersion: Cooper, H. H., Jr. 00527

*Control*

Continuous drain collector: Bar, Jacob. 00371
Saline-water intrusion

Control
Continuous drain collector: Kahana, Y. 01891
Dammed estuary: Toler, L. G. 00967

Drainage canals
Control-dam operation: Kohout, F. A. 00805

Estuaries
Equations of continuity for mixing of sea water and river water: Arthur, R. S. 01258

Florida
Southeastern: Sherwood, C. B. 01878

Fresh-water lenses
Double pumping techniques: Underbill, H. W. 01354
Effects of pumping: Worts, G. F., Jr. 02007

Georgia and South Carolina
Principal artesian aquifer, Savannah area: McCollum, M. J. 00528
Savannah area: McCollum, M. J. 00528

Hawaii
Oahu, southern: Vischer, F. N. 02107
Research: Lau, L. S. 01408

Hydraulics
Analytic and laboratory investigations: Bear, Jacob. 00371
Cavernous calcareous rocks: Mandel, S. 01449

Interface
Mixing-layer flows: Wooding, R. A. 01564
Near fresh-water canal: Ackermann, N. L. 00793

Interface mixing
Mechanics: De Wiest, R. J. M. 01864

Interface problems
Hodograph method: Bear, Jacob. 00711

Intra-coastal waterway, Florida: Clark, W. E. 02078

Louisiana, Baton Rouge area
Preliminary study and proposal: Morgan, C. O. 00496

Mississippi Gulf Coast aquifers
Status, 1964: Lang, J. W. 03033

Moving interface
Coastal aquifers, Dupuit assumption: Bear, Jacob. 00781

New York
Long Island, Huntington-Smithtown area: Lubke, E. R. 01253

Prevention by artificial recharge
New Mexico, Roswell basin: Motts, W. S. 00963

Saskatchewan
Montreal River basin
Water chemistry, plankton: Cushing, C. E., Jr. 01754
Surface-water quality
Sediment data to Sept. 30, 1961: Canada
Water Resources Branch. 00252

Sediment
Clastic
Model of packing structure: Smalley, I. J. 00097

Clay
Base-exchange capacity: Kennedy, V. C. 01268

Sediment
Clays
Changes during compaction: Meade, R. H. 00149

Density
Determination, gamma-ray equipment: McHenry, J. R. 01370
Determination, gamma-ray equipment: McHenry, J. R. 01370

Estuarine
Skewness, Pamlico Sound: Duane, D. B. 00478

Fluvial
Amino acids, abundance, stability in fresh-water sediments: Swain, F. M. 00218
Occurrence and significance: Swenson, H. A. 00650
Size distribution, modification: Tanner, W. F. 00223

Lower Chesapeake Bay
Mass properties: Harrison, V. 00475

Measurement
Rio Grande conveyance channel: Harris, D. D. 00511

Sand
Size-frequency distributions: Schubert, Carlos. 00629

Sediment-water interface
Processes, review: Hayes, F. R. 01938

St. Andrew Bay, Florida
Prediction of strength: Holmes, C. W. 00222

Suspected
Water quality relationships: Gunnerson, C. G. 01644

Turbidites
Ripple structures: Ballance, P. F. 00220

Sedimentation
Alluvial fans
History: Bluck, B. J. 00225

Barchan dunes
Nome River channel, Alaska: McCulloch, D. S. 00226

Channels
Bed-material discharge, computations: Colby, B. R. 00763
Braided stream deposits, criteria for recognition: Ore, H. T. 00469
Subaqueous barchan dunes: McCulloch, D. S. 00226

Coastal
Clay mineral assemblages: Heron, S. D., Jr. 00823
Southwestern Florida: Scholl, D. W. 00391
Southwestern Florida: Scholl, D. W. 00393
Tidal-flat sediments: Klein, G. D. 01259
Use of skewness to determine environment: Duane, D. B. 00478

Control
River regulation: Mamak, Wiktor. 01807

Deposition
Environments and mechanisms: Sahu, B. K. 00219
Sedimentation

Deposition
Geometrical properties of sand waves: Yalin, M. S. 00789

Deposition and erosion
Mammoth Cave, Kentucky: Collier, C. R. 00138

Detrital fills
Missouri, Camden County, Carroll Cave: Helwig, James. 02118

Experimental studies
Sedimentation unit: Jopling, A. V. 00224
Sorting beach material: Flemming, N. C. 00221
Velocity distribution: Blair, J. E. 00238

Flood plains
Subsurface exploration and chronology of underfit streams: Dury, G. H. 00504

Flume studies
Experiments, small streams in alluvium: Ackers, Peter. 00772

Fluvial
Sediment size distribution: Tanner, W. F. 00223

Gravel deposits
Origin in intermontane basins, Nevada: Bredehoeft, J. D. 01348

Hydraulics
Accelerated motion of a sphere in a viscous fluid: Brush, L. M., Jr. 00034
Effects of channel width and water temperature: Fahnestock, R. K. 00152
Entraining fine sediments: Vanoni, V. A. 00003

Lake Michigan
Manitou Passage: French, W. E. 01232

Land-use effects
Sediment yield, Blackland watersheds, Texas: Baird, R. W. 01843

Logging effects
Pre-logging studies, Oregon: Williams, R. C. 01192

Measurement techniques
General discussion: Einstein, H. A. 01780
Subsurface, sonar seismic systems: Van Reenan, E. D. 01982

Model studies
Sediment ripples: Kennedy, J. F. 00706
Sorting processes: Jopling, A. V. 00726

Mud cracks
Effect of salinity on formation: Dow, W. G. 01089

Particle-size analysis
Electronic-sensing device: U.S. Inter-Agency Committee. 02122
Friable sands: Bull, W. B. 01675
Ultrasonic dispersion: Moston, R. P. 03019

Reservoirs
Lake Pillsbury, California: Porterfield, George. 00532
Movement and deposition: Stall, J. B. 01713

Sampling techniques
Control structures, sand-bed channels: Stepanich, F. C. 01039

Sedimentation

Sampling techniques
Lake sediments, coring device: Callender, Edward. 01088
Unconsolidated sands, preservation of structure: McMullen, R. M. 00390

Sediment yield
Long-term estimates in small watersheds: Piest, R. F. 00320

Sediment-load analysis
Hydro mechanical characteristics of bedload movement determined from emitted noises: Bedeus, K. 01282

Sediment-water interface
Review: Hayes, F. R. 001938

Techniques
Correlation of size-distribution data: Sahu, B. K. 00476
Density gradient separation, plankton and clay from river water: Lammers, W. T. 01555
Measurement of suspended material: Baalsrud, K. 01647
Use of CM patterns: Passega, R. 00477

Tidal
Beach profile development: Duncan, J. R., Jr. 00392

Transport
Apparatus and techniques for measuring bedload: Hubbell, D. W. 00553
Athabasca Glacier, Canada, total yield: Mathews, W. H. 01364
Concentration investigations: Guy, H. P. 00137
Development of meanders: Dury, G. H. 00503
Dispersion mechanisms: Glover, R. E. 00135
Effect of storm-period variables: Guy, H. P. 00136

Floodwaters, western New York: Parsons, D. A. 01359

Fluvialite, cyclothems: Allen, J. R. L. 00276
General discussion: Alberts, M. L. 01511
General discussion: Einstein, H. A. 01780
General discussion: Gottschalk, L. C. 01516
Georgia streams: Kennedy, V. C. 00540
Gully development: Tuckfield, G. C. 01837
Hyperconcentrations of suspended sediment: Beverage, J. P. 00794
Mean-velocity relationships in sand-bed streams: Colby, B. R. 00505

Model study, meandering: Einstein, H. A. 00732

Quasi-equilibrium state: Landhein, W. B. 00981
Regime analysis, river slopes: Blench, Thomas. 00760
Relation to flow resistance: Nordin, C. F., Jr. 01204
Rio Puerco River near Bernado, N. Mex.: Nordin, C. F., Jr. 00779
Sand transport studies with radioactive tracers: Hubbell, D. W. 00766
Scour and fill at contracted sections: Culbertson, J. K. 01256
Sedimentation
Transport
Sediment and fill in sand-bed streams: Colby, B. R. 00507
Solid-liquid flow meter: Ackermann, N. L. 00938
Temporary storage of fine sediments: Nordin, C. F., Jr. 01964
Use of fluorescent tracers, Sandy Hook, New Jersey: Yasso, W. E. 01323
Wyoming, Cheyenne River basin: Rolfe, B. N. 00657

Sierra Nevada
North Yuba River
Snowmelt hydrology: Rantz, S. E. 01214

Snow
Accumulation
Antarctica: Brecher, H. H. 02180
Antarctica, Wilkes Island: Black, H. P. 00339
Areal distribution from satellite photographs: Tarble, R. D. 00326
Great Lakes region: Thomas, M. K. 01237
Lead-210 chronology, Antarctica: Crozaz, G. 00719
Maximum water equivalent, frequency: U.S. Weather Bureau. 02253
Snow fence, gap width influence: Martinelli, M., Jr. 01658

Bibliography
U.S. Library of Congress. 02024
Eastern Snow Conference, 1964 Utica, New York: Eastern Snow Conference. 00493

Evaporation
Energy approach: Bergen, J. D. 00902

Facies
Antarctica and Greenland: Giovine, M. B. 02053

General discussion
Worldwide regions: Mellor, Malcolm. 02220

Hydrology
Weather data use: Peck, E. L. 00954

Lake-effect storms
Lake Ontario, radar observations: Lansing, Livingston. 00962

Measurement
Methods and techniques: Garstka, W. U. 02196
Remote sensors: Beaumont, R. T. 00889
Snow survey and climatological data, relationships: McKay, G. A. 00958
Telemetering system: Chadwick, D. G. 00897

Montana
Summary of surveys, 1922-1964: Farnes, P. E. 01783

Properties
Chemical composition, Western U.S.: Feth, J. H. 00518
Comprehensive discussion: Mellor, Malcolm. 01985
Density related to meteorology: Power, B. A. 00879

Runoff
Computed: Rantz, S. E. 01214
Factors affecting: Garstka, W. U. 02196

Snow
Runoff
Vegetative cover effects on snowmelt: Satterlund, D. R. 00877
Runoff forecasts
Experimental watershed: Martinec, Jaroslav. 01764
Model studies: Cuthbertson, W. B. 00880
Parameters: Mitchell, W. B. 00900
Tobique basin, New Brunswick, Canada: Davaar, K. S. 00881

Sampling
Design of sampler: Bindon, H. H. 00878

Textbook discussion
Handbook of Applied Hydrology: Garstka, W. U. 02196

Textbooks
Structural glaciology: Shulovskii, P. A. 01778

Western Snow Conference Proceedings, 1964 meeting: Western Snow Conference. 00493

Soil moisture
Calculation
Modulated soil-moisture budget: Holmes, R. M. 01897

Capillary-moisture relationships
Proposed test method: Johnson, A. I. 00937

Chemistry
Solubility and movement of radionuclides: Essington, E. H. 00410
Source of radiocarbon in solution: Broeker, Wallace. 00807

Diffusion
Diffusivity measurement, cylindrical pressure cell: Klute, A. 00309
Vapor diffusion during desorption: Jackson, R. D. 01391
Vapor diffusion in steady state: Jackson, R. D. 01825
Vapor movement: Jackson, R. D. 00310
Water mobility in clays: Kemper, W. D. 01366

Energy status
Effect of temperature and trapped air: Chahal, R. S. 00293
Effects of air pressure: Richards, L. A. 00300
Evapotranspiration
Effect on cropped lands: Betnett, O. L. 01458
Logging effects: Ziemer, R. F. 00701

Frost formation
Effects of temperature and water-table depth: Willis, W. O. 01371

Geologic factors
Textbook discussion: Maxey, G. B. 01509

Hydraulic conductivity
Anisotropic soils: Bouwer, Herman. 00303
Effects of entrapped air: Gupta, R. P. 00301
Measurement, double-tube method: Bouwer, Herman. 00305
Measurement with four wells: Snell, A. W. 01845
Related to cation exchange: Martin, J. P. 01158

Measurement
Calibration of a neutron meter: Burn, K. N. 00015
INDEX

Soil moisture

Measurement

- Comparison of direct and indirect measurements: Smith, J. L. 00837
- Estimation, layered soils: Miller, D. E. 02113
- Gamma attenuation: Reginato, R. J. 01163
- Laboratory apparatus: Elrick, D. E. 01620
- Neutron logging: van der Burgh, P. 00328
- Neutron meter use: American Society of Civil Engineers. 00784
- Neutron method, installation of access tubes: Kozachyn, John. 00085
- Neutron monitor: Sheen, E. M. 01336
- Neutron-scattering method: Hewlett, J. D. 00279
  - Nuclear probe calibration: Troxler, W. F. 00182
  - Nuclear probe, recalibration for local soils: Marston, R. B. 01663
  - Relationship of velocity of sound to moisture: Brutsaert, Wilfried. 00704
  - Switching device for electronic probes: Voisey, P. W. 01830
  - Tension-moisture content relationship: Mokady, R. S. 01156

Montana

- Measurements, summary, 1922–1964: Farnes, P. E. 01783

Movement

- Calculated by numerical procedure: Green, R. E. 00302
- Capillary diffusion and self-diffusion: Kunze, R. J. 00283
- Diffusion equation: Taylor, S. A. 01365
- D₂O tracer method: Haskell, C. C. 01164

Organic soils

- Regression
  - Effect of differential cattle stocking rates: Rhoades, E. D. 00751

Regime

- Under meadow grass: Shaw, R. H. 00084

Retention

- Availability to plants: Gardner, W. R. 00812
- Estimated from climatological data: Turner, R. 01601
- Estimating moisture retention, layered soils: Miller, D. E. 02113
- Mechanics and measurement: Kirkham, Don. 01510

Soil-water relations

- Moisture profiles: Gupta, P. P. 01165
- Moisture profiles, rains of low intensity: Rubin, J. 01297
- Soil inclusions of different materials: Grover, B. 01159
- Thermodynamics of water adsorption: Cary, J. W. 01613
- Vapor pressure, temperature dependence: Kjne, J. W. 01389

Storage capacity

- Determination from precipitation and runoff: Reinhardt, K. G. 01155

Subsidence

- Compaction test, moisture-deficient sands: Bull, W. B. 01674
- Textbook: Jumikis, A. R. 02016

Unsaturated flow

- Gravity drainage: Liakopoulos, A. C. 00484

Wetting–drying cycles

- Hysteresis data: Klute, A. 00309

Soils

- Aeration
  - Oxygen diffusivity, laboratory measurement: Willey, C. R. 01166

Clay minerals

- Sorption of organic acids: Hemphill, L. 01153

Compaction

- Analog model techniques: Domenico, P. A. 03007
- Subsidence due to wetting: Bull, W. B. 01674
- Water content of clays: Meade, R. H. 00149

Erosion

- Conservation techniques, Texas: Stephens, Uel. 01646

Control practices in Hungary: Erodi, B. 00318

Control with mechanical treatments: Hickey, W. C., Jr. 00317
<table>
<thead>
<tr>
<th>Topic</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soils</td>
<td></td>
</tr>
<tr>
<td>Erosion</td>
<td>Model study, simulated rainfall: Rogers, J. S. 01802</td>
</tr>
<tr>
<td></td>
<td>Relation to soil properties: Wooldridge, D. D. 01618</td>
</tr>
<tr>
<td></td>
<td>Soil fertility: Peterson, J. B. 00639</td>
</tr>
<tr>
<td></td>
<td>Soil texture related to erodibility: Moldenhauer, W. C. 01168</td>
</tr>
<tr>
<td></td>
<td>Texas, Blackland watersheds: Baird, R. W. 01843</td>
</tr>
<tr>
<td>Evaporation</td>
<td>Effect of fatty alcohols: Aubertin, G. M. 00081</td>
</tr>
<tr>
<td>Formation</td>
<td>Mechanical composition and classification: Kirkham, Don. 01510</td>
</tr>
<tr>
<td>Frozen</td>
<td>Moisture movement: Ferguson, H. 01161</td>
</tr>
<tr>
<td>Geochemistry</td>
<td>Effects of irrigation, Kansas: Jacobs, H. S. 00653</td>
</tr>
<tr>
<td>Mechanics</td>
<td>Cohesion, shearing resistance: Mitchell, J. K. 03006</td>
</tr>
<tr>
<td></td>
<td>Mass movement: Bell, J. R. 01695</td>
</tr>
<tr>
<td>Organic</td>
<td>Hydrologic properties: Irwin, R. W. 00196</td>
</tr>
<tr>
<td></td>
<td>Particle-size analysis: Bull, W. B. 01675</td>
</tr>
<tr>
<td></td>
<td>Torsion balance, plummet: Slager, S. 00277</td>
</tr>
<tr>
<td></td>
<td>Ultrasonic dispersion: Moston, R. P. 03019</td>
</tr>
<tr>
<td>Pesticides</td>
<td>Persistence: Mack, G. L. 00474</td>
</tr>
<tr>
<td></td>
<td>Retention and movement: Kunze, G. W. 01263</td>
</tr>
<tr>
<td>Physical chemistry</td>
<td>Textbook: Marshall, C. E. 01958</td>
</tr>
<tr>
<td>Physical properties</td>
<td>Effects on pesticide movement and retention: Kunze, G. W. 01263</td>
</tr>
<tr>
<td></td>
<td>Velocity of sound as function of moisture: Brutsaert, Wilfried. 00704</td>
</tr>
<tr>
<td>Physics</td>
<td>General discussion: Kirkham, Don. 01510</td>
</tr>
<tr>
<td>Pollutant adsorption</td>
<td>ABS: Suess, M. J. 00453</td>
</tr>
<tr>
<td></td>
<td>ABS: Wayman, C. H. 02256</td>
</tr>
<tr>
<td></td>
<td>Surface area measurements and adsorption: Suess, M. J. 00039</td>
</tr>
<tr>
<td>Radionuclides</td>
<td>Measurement: Gustafson, P. F. 02092</td>
</tr>
<tr>
<td>Salinity</td>
<td>Drainage projects, economic evaluation: Menz, J. A. 01626</td>
</tr>
<tr>
<td>Sampling techniques</td>
<td>Methods, undisturbed samples: Clark, K. R. 001184</td>
</tr>
<tr>
<td>Strength and bulk density</td>
<td>Results of laboratory tests: Lotspeich, F. B. 01167</td>
</tr>
<tr>
<td>Subsurface exploration</td>
<td>Aerial photography interpretation: Erb, D. K. 00181</td>
</tr>
</tbody>
</table>

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Effect of neutron meter access tubes, winter: Dickey, D. D. 00306
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Bladen series, Southeastern United States: Sparrow, G. N. 01834

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Effects of irrigation, Kansas: Jacobs, H. S. 00653

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James River to Savannah River
Flood magnitude and frequency: Speer, P. R. 01207
Ogeechee River to Florida

South Carolina
Aiken area
Domestic well corrosion: Hoxie, E. C. 01657

Coastal Plain
Clay sedimentation: Heron, S. D., Jr. 00823

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Big Sioux River
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Black Hills
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Ground water, Watertown area: Rukstad, L. R. 00948

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- Brines, Little Arkansas River basin: Albert, C. D. 01642

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- Natural: Bullard, William. 02182
- Nutrients: Wilkinson, L. 00699
- Quantitative biological determination: King, D. L. 00443
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- Effect of density currents: Churchill, M. A. 00431
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**Strontium–90**

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- Effects on attached macro-organisms, estuaries: Corey, R. L. 00143
- Ice formation: Devik, Olaf. 00482
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Surface-water quality
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Hydrographs: Levi, Enzo. 00353
Unit hydrograph methods compared: Hanson, T. L. 00120

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Aerial photos: Meijer, W. O. J. G. 00925
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New Jersey: Thomas, D. M. 00144

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Integration method: van Wijngaarden, H. 01898

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Model studies: Cuthbertson, W. B. 00880

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Open waters: Devik, Olaf. 00482
Prediction curves: Bilello, M. A. 02175
Prediction method: Bilello, M. A. 00176
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Stream limnology: Tindall, D. R. 01216

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Photogrammetric methods: Crandall, D. L. 00053

Small watersheds
Unit hydrograph analysis: Meier, W. L., Jr. 00831

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Sampler design: Bindon, H. F. 00878

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Precipitation data, use: Martin, R. O. R. 01633

Streamflow measurement
Calibration of weirs: De Leine, R. J. 00351
Control structures, sand–bed channels: Stepianich, F. C. 01039
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Snowmelt runoff: Rantz, S. E. 01214
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Supercritical measuring flume: Gwinn, W. R. 00111
Suspension wire method: Sharp, B. B. 00758

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Photogrammetric measurement: Waugh, J. E. 00052

Temperature
Correlation and analysis of data: Moore, A. M. 00174

Tidal effects
Photogrammetric measurement of tidal currents: Waugh, J. E. 00052

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Carson City
Ground water: McAdoo, G. D. 00402

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Garza County
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Gray County
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Ground water: Alexander, W. H., Jr. 00828

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Ground water: Turner, S. F. 00821
Young County
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Zavala County
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Rhodamine B
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Hydrologic cycle: Carlston, C. W. 00809
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Snow cover, maximum water equivalent, frequency: U.S. Weather Bureau. 02253

Pacific Northwest
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Water management planning: Towne, W. W. 00440
Water resources: Fernald G. H., Jr. 00450
Water resources development: Dana, M. N. 00093

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Surface–water quality: Lai–d, L. B. 00499

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Water resources: LaMoreaux, P. E. 01791

Southwest
Drought effects on water resources: Gatewood, J. S. 01013
Floods, factors affecting occurrence: Benson, M. 00520
Paleoclimatology and man’s environment: Malde, H. E. 00397
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Doctrines of water use: Holcomb, C. J. 00435
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Detergent contamination
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Utah
Bear Lake
Water quality: Workman, G. W. 02050

Carbon County
Ground water, Price River headwaters:
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Garfield County
Hydrologic data, upper Sevier River basin:
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Great Salt Lake
Dissolved-mineral inflow and lake-brine quality: Hahl, D. C. 00845
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Water management: Mahoney, J. R. 01784

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Spring 1964: Arnow, Ted. 00426

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Hydrologic data, upper Sevier River basin:
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Radium contamination, environmental study:
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Kane County
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Hydrologic data, upper Sevier River basin:
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Ground water, headwaters area: Cordova, R. M. 00957

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Water supply: Marsell, R. E. 00844

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Hydrologic data, upper Sevier River basin:
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Data, summary records to 1960: Utah State University. 01631

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Ground-water data, Sevier Desert: Mower, R. W. 00425

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Ground water, Price River headwaters:
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Spanish Fork quadrangle, ground water:
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General discussion: Criddle, V. D. 00869

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Mean annual runoff, calculation, water yield:
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Aerial photography
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Dating by tree rings: Sigafous, R. S. 00510
Effects on water quality
Color: Christian, R. F. 00637
Vegetation

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Sources, apparent diffusivities, forest cover:
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Inundation tolerance: Gamble, M. D. 01457

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Weeds, influence of soils on distribution:
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Salt absorption: Hendricks, S. B. 01465

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Effects on snowmelt: Satterlund, D. R. 00877

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Measurement: Koller, D. 01070

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Direct interception of cloud water: Ekern, P. C. 02193

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Rio Motatan River
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Colorimetric method: Roskam, R. T. 01043

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Gambusia monitoring toxic industrial waste: Davis, R. C. 01404

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Effect of dilution media: Allen, M. M. 00448

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Determination of nitrate: Jenkins, David. 01871

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EDTA titration, successive determination: Rao, D. S. 01056
Simultaneous determination: Katz, Hyman. 00057

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Combustion-gas chromatography, total carbon determination: West, D. L. 01650
Infrared analyzer, total carbon determination: Van Hall, C. E. 01405
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Gasometric determination: Wood, K. G. 01308

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Sampling device for carbon adsorption method: Taylor, F. B. 01632

Chlorinity
Differential refractive index: Williams, H. B. 01569
Using differential potentiometric end point: Reeburgh, W. S. 01226

Chromium(III)
Spectrophotometric determination: den Boef, G. 01906

Fluoride
Colorimetric determination: Palin, A. T. 01416

Ion exchange method: Felso, F. S. 01668

Gas chromatography
Silvex, an aquatic herbicide: Gutermann, W. H. 01444

Hardness
Simultaneous determination of calcium and magnesium: Katz, Hyman. 00057

Infrared spectroscopy
Organic pollutants: Voegle, F. A. 01671

Iodine
Automatic ultramicro determination: Hadjiioannou, T. P. 01744

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Cation exchange, concentrated HCl and HC104 solutions: Nelson, Frederick. 01737

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Colorimetric determination, using 2,3,5,6-tetrakis-(2'-pyridyl)-pyridine: Phlaum, R. T. 01052
Total iron, absorptiometric determination: Tetlow, J. A. 01054

Iron, dissolved
Absorptiometric determination: Wilson, A. L. 02258

Iron, total
Dissolving methods, non-reactive iron: Wilson, A. L. 02259

Magnesium
Simultaneous determination with calcium endpoint: Katz, Hyman. 00057

Manganese
Spectrophotometric determination: Pike, LeRoy. 01051

Metals
Atomic absorption spectrometry: Wheat, J. A. 01946
Extraction, chelates: Stary, Jiri. 02116
Solvent extraction, metal chelates, theoretical approach: Schweitzer, G. K. 01044

Neutron activation
Sulfur and phosphorus determination: Wayman, C. H. 01665

Nickel
N,N'-bis(m-sulphobenzyl)dithiooxamide reagent, spectrophotometric study: Janssens, A. A. 01901

Nitrate
Brucine method: Jenkins, David. 01871

INDEX
Water analysis

Nitrate
- Chemical reduction: Young, G. K. 00441
- Determination by ultra-violet absorption:
  - Navone, Remo. 01718
- Diazotization method: Fishman, M. J. 00073
- Sensitive determination method: Andrews, D. W. W. 02106

Nitrogen, total
- Nitrate reduction method: Brabson, J. A. 01062

Oil-field waters
- Selenium and tellurium: Collins, A. G. 00413

Organic compounds
- Infrared spectroscopy, pollutant identification: Voege, F. A. 01671
- Natural color, chemistry: Christman, R. F. 00637
- Pollutant evaluation techniques: Rychian, D. W. 01673
- Recovery and identification: Hoak, R. D. 01736

Oxygen
- In situ determination with plastic dome: Copeland, B. J. 01221

Palladium
- Atomic absorption spectroscopy: Erinc, G. 01049

Pesticides
- Analytical procedures: Burchfield, H. P. 00490
- Apparatus for continuous extraction of nonpolar compounds: Kahn, Lloyd. 01482
- Biochemical assay: Weiss, C. M. 00437
- Chlorinated hydrocarbon: Goodenkauf, Arley. 00072
- Gas chromatography: Buescher, C. A. 00446
- Gas chromatography: de Faubert Maunder, M. J. 01061
- Gas chromatography with microcoulometric detection: Burke, Jerry. 01061
- Organic phosphates, nitrobenzyl pyridine procedure: Getz, M. E. 01905
  - Organophosphates, reduction method: Getz, M. E. 01064
- Paper chromatography: Abbott, D. C. 01055
- Silvex by gas chromatography: Gutermann, W. H. 01444
- Soil sampling: Mack, G. L. 00474
- Sulfoxide, chromatographic determination: Haus, J. B. 01059

pH
- Field measurement: Barnes, Ivan. 00517

Phosphorus
- Neutron activation method: Wayman, C. H. 01665

Phosphorus, total
- Volumetric ammonium molybdate method: Hoffman, W. M. 01063

Potassium
- Flame photometry: Chow, T. J. 01048

Radioactive materials
- Chemical analysis: Craft, T. F. 01648

Water analysis

Radioactivity
- Evaluation of gross beta radiation analysis methods: Setter, L. R. 00059

Radium
- Determination in water: Barker, F. B. 00550
- Survey techniques for radon-222 and radium-226: Lucas, H. F., Jr. 00464

Refractive index
- Chlorinity: Williams, H. B. 01569

Resistivity measurement
- Ultra-pure water: Iverson, A. 01805

Salinity
- Estimation methods, recent advances: Johnston, R. 01909
- Portable conductivity meters: Labrique, J. P. 01759

Sample preservation
- Polluted water samples: Hellwig, D. H. R. 02200

Sampling methods
- Great Lakes: Libby, R. W. 01231
- Trace element extraction: Lal, D. 01097

Sea water
- Ammonia, colorimetric method: Roskam, R. T. 01043
- Dissolved oxygen, gas chromatographic determination: Park, Kilho. 01094
- Lithium: Riley, J. P. 01091
- Silica determination: Grasscheff, K. 01092

Sediment
- Electronic-sensing device: U.S. Inter-Agency Committee. 02112

Silica
- Determination by Conway's microdiffusion technique: Alon, A. 01050
- Spectrophotometric determination, silicic acid: Garrett, H. E. 01058

Silicon
- Reactive, determination in presence of phosphate: Webber, H. M. 02257

Solvent extraction
- Metal extraction: Stary, Jiri. 02116

Sulfate
- Titrimetric determination: Ja-Islkis, Bruno. 00798

Sulfide determination
- Estuarine waters: Johnson, C. R. 01872

Sulfur
- Neutron activation method: Wayman, C. H. 01665

Suspended material
- Measurement: Baalsrud, K. 01647

Tantalum
- Spectrophotometric determination: Guyon, J. C. 01047

Thallium
- Solvent extraction, thallium(I) chelates: Schweitzer, G. K. 01045

Titanium
- Cupferron solvent extraction: Corbett, J. A. 01046

Uranium
- Field method: Chamberlain, J. A. 00194
**Water analysis**

**Vanadium**
- Catalytic determination: Fishman, M. J. 01669
- Radio release method: Gillespie, A. S., Jr. 01651
- Spectrophotometric determination with N-benzoyl-o-tolyhydroxylamine: Majumdar, A. K. 02120

**Waste water**
- Radioactivity measurement method: Haughey, F. J. 01342
- Water quality monitoring
  - Instrumentation, continuous measurement: Keysar, A. H. 01082

**Water budget**
- Arizona
  - Colorado River area: Hely, A. G. 01305
- Arkansas River valley
- California
  - Placer County, experimental watershed: Lewis, D. C. 00354
  - Salton Sea area: Hely, A. G. 01305
- Hydrologic equation
  - Hidden recharge areas: Feth, J. H. 02155

**Methods**
- Gravity survey, Humboldt River: Cartwright, Keros. 01369
- Model studies
  - Digital river basin model: Hannaford, J. F. 00898
  - Snow evaporation, energy approach: Bergen, J. D. 00902

**Watersheds**
- Effect of soil type and use: Dreibelbis, F. R. 00724
- Precipitation recharge to ground water: Cavazza, Samuele. 00381
- Precipitation recharge to ground water: Wolffzon, I. B. 01889
- Summary of methods: Kohler, M. A. 02210

**Water conservation**

**Evapotranspiration**
- Logging effects on soil moisture: Ziemer, R. R. 00701

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- Western Resources Papers, 1963: McNickle, R. K. 01787

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- Water pollution control: Crutchfield, J. A. 00454

**Mapping**
- Requirements and methods: Bauer, K. W. 00051

**Municipal**
- Reduction of losses during distribution: Hudson, W. D. 00058

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**Water law**
- Determining water requirement's
- Blaney-Criddle method: Blaney, H. F. 01243

**Economics**
- Perception of natural hazards: Burton, lan. 01242

**Federal-State conflicts**
- Recent developments, resources and utilities law: Taylor, E. F. 01876

**Ground water**
- Europe: United Nations. 02137

**Ground-water use**
- Effect on surface-water rights: Bittinger, M. W. 01813

**Illinois**
- Water use law: Mann, F. L. 00922

**International**
- United States–Canada prairies region: Thompson, M. W. 02145

**Interstate**
- Arizona vs. California, Colorado River: Haber, David. 01443

**Legislation**
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- General discussion, sewage effluent: Stanbridge, H. H. 01422
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**Industrial, agricultural, municipal**
- Cannon, D. W. 02186

**Industrial supply from once-used municipal water**
- Connell, C. H. 01822

**Quality aspects of waste-water reclamation**
- Bonderson, P. R. 01853

**Treated sewage effluent for industry**
- Cecil, L. K. 01414

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- Increased precipitation runoff through land treatment: Myers, L. E. 01900

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- Socio–economic aspects: Kneese, A. V. 00438

**Water law**

**Determining water requirements**

**Economics**
- Perception of natural hazards: Burton, lan. 01242

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- Recent developments, resources and utilities law: Taylor, E. F. 01876

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- Effect on surface-water rights: Bittinger, M. W. 01813

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- United States–Canada prairies region: Thompson, M. W. 02145

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- Arizona vs. California, Colorado River: Haber, David. 01443

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Economics: Smith, S. C. 01504
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General discussion: Beuscher, J. H. 01603

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