

---

## Inventory of the Harry F. Blaney Papers , 1920-1969

### Collection number: MS 92/2

The Water Resources Center Archives

University of California, Berkeley  
Berkeley, California

#### Contact Information:

- Water Resources Center Archives
- 410 O'Brien Hall
- University of California, Berkeley
- Berkeley, California, 94720-1718
- Phone: (510) 642-2666
- Fax: (510) 642-9143
- Email: [waterarc@library.berkeley.edu](mailto:waterarc@library.berkeley.edu)
- URL: <http://www.lib.berkeley.edu/WRCA>

Processed by:

Robert J. Cullen and Beth R. Willard

Date Completed:

April 1978

© 1999 The Regents of the University of California. All rights reserved.

---

### Descriptive Summary

**Title:** Harry F. Blaney Papers ,

**Date (inclusive):** 1920-1969

**Collection number:** MS 92/2

**Creator:** Blaney, Harry French, 1892-1976

**Extent:** 14 linear ft. (31 boxes)

**Repository:** Water Resources Center Archives (Calif.)  
Berkeley, California 94720-1718

**Shelf location:** Water Resources Center Archives

**Language:** English

#### Access

Collection is open for research.

#### Publication Rights

Copyright has not been assigned to the Water Resources Center Archives. All requests for permission to publish or quote from manuscripts must be submitted in writing to the Head of Archives. Permission for publication is given on behalf of the Water Resources Center Archives as the owner of the physical items and is not intended to include or imply permission of the copyright holder, which must also be obtained by the reader.

#### Preferred Citation

[Identification of item], Harry F. Blaney Papers , MS 92/2, The Water Resources Center Archives, University of California, Berkeley.

#### Scope and Content

---

Reports pertaining to consumptive water use by irrigated crops and native vegetation in desert areas of Southern California, Arizona, and other parts of the Southwest; to irrigation costs in California; to irrigation in Israel; and to irrigation and water supply studies of the Pecos, Colorado, and other rivers.

This collection contains not only the extensive holdings donated by Mr. Blaney to the Los Angeles collection of the Water Resources Center Archives, but also items from several limited bibliographies of his writings. Published works, mimeographed reports, draft copies, and letters are also included.

Any item also cataloged in the main collection of the Water Resources Center Archives shows the call number in parenthesis.

Collection described in: Writings of Harry F. Blaney, Distinguished Water Conservation Engineer (1892-1976), compiled by Robert J. Cullen, under supervision of Beth R. Willard. Davis, Calif.: California Water Resources Center, University of California, 1978 (Archives report; no. 24).

#### **Access Points**

Irrigation -- California

Irrigation -- West (U.S.)

Evapotranspiration -- West (U.S.)

Water conservation -- West (U.S.)

Water-supply -- West (U.S.)

Blaney-Criddle Formula

Young, Arthur A.

Criddle, Wayne D.

#### **Key to the Arrangement**

The Blaney collection is divided into three sections, although all reports are numbered and indexed as a single group. Items 1-317 consist of publications and reports by, or under the supervision of, Mr. Blaney. Material is arranged chronologically with undated or irregularly dated reports at the end of the section. Items 318-367 are reports prepared during World War II for the Emergency Rubber Project of the U.S. Forest Service. Mr. Blaney's geographic organization of these reports has been preserved. Items 368-393 are reports and publications in chronological order, with additions to the cover or title page indicating Mr. Blaney's involvement.

Box 1

2-14

Box 2

15-26

Box 3

27-30

Box 4

31-35

Box 5

36-41

Box 6

43-48

Box 7

49-65

Box 8

66-69

Box 9

70-86

Box 10

87-90

Box 11

91

---

Box 12  
92-121  
Box 13  
122-132  
Box 14  
135-138  
Box 15  
139-147  
Box 16  
150-160  
Box 17  
161-170  
Box 18  
171-181  
Box 19  
182-185  
Box 20  
187-192  
Box 21  
193-204  
Box 22  
205-218  
Box 23  
219-234  
Box 24  
235-252  
Box 25  
253-263  
Box 26  
264  
Box 27  
265-281  
Box 28  
282-310  
Box 29  
311-351  
Box 30  
355-375  
Box 31  
376-390

### **Biographical Information**

Harry French Blaney, a water conservation engineer, made significant contributions to irrigation research not only in his native California, but also throughout the world. In 1915, Mr. Blaney received a B.S. degree in civil engineering from the University of California; and upon graduation, he worked two years for the Southern California Gas Company. He began a career with the U.S. Department of Agriculture in May 1917 that continued until his retirement in 1962. From that time until 1973, he was a research associate at the University of California, Los Angeles.

---

Mr. Blaney was awarded the John Deere Medal from the American Society of Agricultural Engineers, the Superior Service Award and Silver Medal from the U.S. Department of Agriculture, and the Royce Tipton Award from the American Society of Civil Engineers. He is probably best known for his work in the development of the Blaney-Criddle Formula, a method for calculating water loss from plants by evapotranspiration.

In 1969, his oral history, Harry F. Blaney: Water Conservation Engineer, was published by Oral History Program, University of California, Los Angeles (G4702/J9-5).

### Harry French Blaney

Born in Los Angeles, California, July 1892. Died in October 1976.

Educated at Los Angeles Polytechnic High School (1907-1911) and the University of California at Los Angeles (1911-1915) with a B.S. in Civil Engineering.

September 1915 - April 1917

May 1917 - May 1918

May 1918 - December 1918

January 1919 - January 1962

1919

1919 - 1927

1927 - 1934

1934 - 1935

1935 - 1936

1936 - 1937

1937 - 1939

1939 - 1941

1941

1941 - 1942

1942 - 1943

1943 - 1951

1951 - 1954

1954 - 1962

1959

January 1962 - July 1965

July 1965 - March 1973

Engineer, Southern California Gas Company, Los Angeles  
Agent, U.S. Department of Agriculture, Irrigation and Silt Studies, Colorado River and Imperial Valley in California, and Mexico  
Master Gunner, Non-commission Staff Officer, U.S. Army  
Irrigation Engineer, U.S. DEPARTMENT OF AGRICULTURE, in California and other areas as follows:

In charge of Denver Irrigation Field Laboratory, evaporation and evapotranspiration studies.

Studies of sedimentation in Imperial Valley and Colorado River; cost of irrigation water; evapotranspiration.

Consumptive use of water by irrigated crops and native vegetation and rainfall disposal.

Water conservation engineer, developing water for drought areas, New Mexico.

Water utilization studies, Mojave River, and irrigation, California.

In charge of consumptive-use studies, Upper Rio Grande, for National Resources Committee, Colorado, New Mexico, and Texas.

Water utilization studies, Beaumont and San Jacinto Basins and San Fernando Valley, California.

In charge, consumptive water requirements, Pecos River Joint Investigations, New Mexico and Texas.

Member of technical mission to Cuba to investigate rehabilitation of agriculture, 12 dam sites, soils, and water supply for rice irrigation.

Water utilization studies, San Luis Rey Valley.

In charge, irrigation surveys on quantity, quality and cost of water in southwestern states of Guayule Rubber Project, Forest Service.

Project supervisor, consumptive irrigation requirement studies in Arizona, Colorado River Basin, and Pacific Southwest; drainage studies in Imperial Valley, California.

State research supervisor, in charge of cooperative irrigation studies with the State Engineer of California and U.S. Soil Conservation Service.

Principal irrigation engineer, U.S. Agriculture Research Service in Pacific Southwest.

Irrigation engineer consultant in Israel for U.S. Department of State, International Cooperation Administration.

Research Associate, University of California at Los Angeles, Department of Irrigation and Soil Sciences

Collaborator, U.S. Department of Agriculture

Research Associate, University of California at Los Angeles, Department of Engineering and Water Resources Center

Consultant (Registered Civil Engineer, State of California):

For the State of California and other agencies on litigation of the use of water from the Colorado River (1956-1958)

---

For International Boundary and Water Commission, U.S. Department of State, on salinity in lower Colorado River (January 1962)

For 20 farms, Gila River Basin, New Mexico (1963-1965)

For State of Arizona on water use in Central Valley Project (January-February 1966) and consumptive use on farms in Colorado (January-November 1968)

Memberships in Scientific Societies:

American Society of Agricultural Engineers (1950-1968)

Past member of evapotranspiration and nomenclature committees.

American Society of Civil Engineers (1920-1976)

Fellow and life member; past vice-president, Los Angeles Section; past chairman of National Executive Committee of Irrigation and Drainage Division; past member of committee on sedimentation of reservoirs and the hydrology sub-committee; past chairman of committee on water conservation; chairman of committee on consumptive use of water; member of publication committee.

The Society of Sigma Xi (1951-1976)

United States National Committee of the International Commission on Irrigation and Drainage (1952-1960)

Soil Conservation Society of America (1946-1963)

American Geophysical Union, National Academy of Sciences, National Research Council (1932-1976) Life member; delegate for the National Academy of Sciences and National Research Council to the Tenth General Assembly of the International Union of Geodesy and Geophysics, Rome, Italy, September 1954; past member of evapotranspiration, infiltration and groundwater committees; past secretary and vice-president of hydrology section.

Pacific Southwest Inter-Agency Technical Committee

Member of subcommittee on phreatophytes.

Honors and Awards:

Superior Service Award and Silver Medal; U.S. Department of Agriculture (1951)

Distinguished Service Award; Soil Conservation Society of America (California Chapter) (1961)

The John Deere Medal; American Society of Agricultural Engineers (1966)

Royce Tipton Award; American Society of Civil Engineers (1966)

Service Award - Member for 28 years; Los Angeles Chamber of Commerce (Agricultural Committee)

Honorary Member; Greek Committee of International Commission on Irrigation and Drainage

Box 1            2. **The total silt load in canals, [by Harry F. Blaney? n.p. 1920?]**

**Physical Description:** 37 l.

3. **Review of project on Cost of water to irrigators. [n.p.] December, 1923.**

**Physical Description:** [10] l.

4. **Progress report of Harry F. Blaney, for fiscal year ending June 30, 1924 [on cost of water to irrigators. n.p. 1924?]**

**Physical Description:** 6 l.

5. **[Summary of cost of irrigation water in Sacramento Valley, California. A letter to Dr. Samuel Fortier in response to a request for data]. Los Angeles, 1924.**

**Physical Description:** 6 l.

6. **Cost of water to irrigators in California. Sacramento, SPO, 1925. 66 p. illus. (Bulletin no.8, California Department of Water Resources, Division of Resources Planning) At head of title: State of California, Department of Public Works, Division of Engineering and Irrigation.**

-- ---. Draft copy. [n.p.] U.S. Bureau of Public Roads, Division of Agricultural Engineering, 1924.

Physical Description: 100 l.

7. Economic [sic] water requirements of San Diego County lands, by S.H. Beckett, Harry F. Blaney and Colin A. Taylor. September 1926. 74-156 p. Chiefly tables. (Project progress report to U.S. Bureau of Public Roads, Division of Agricultural Engineering)

9. Summary - economic field duty of water in northern San Diego County - season 1926, by S.H. Beckett, Harry F. Blaney and C.A. Taylor. [n.p. 1926?] 55 l. Cover title varies slightly.

10. Notes on overhead irrigation for citrus orchards in southern California. [n.p.] February 1926.

Physical Description: 8 l.

-- ---. Manuscript.

Physical Description: 14 l.

12. Silt in the Colorado River and its relation to irrigation by Samuel Fortier and Harry F. Blaney. Washington, D.C., U.S. Department of Agriculture, 1928. 95 p. illus., maps. (The Department's Technical bulletin no.67) (G330/E8-3)

-- ---. Draft copy. Silt in the Colorado River. 1927. 284 l. illus., fold.plates, maps, photos.

-- ---. Draft copy. Silt in the Colorado River. 1927. 266 l. illus., fold.plates, maps, photos.

14. Duty of water investigations in southern California, by Harry F. Blaney and S.H. Beckett. 1928. 229 l. (Final report to U.S. Bureau of Public Roads, Division of Agricultural Engineering)

Box 2

15. Disposal of rainfall. (Chapter 4, Part II of Bulletin no.19: Santa Ana investigation, flood control and conservation by William S. Post, published by Calif. Department of Water Resources, Division of Resources Planning, 1929, pp. 152-157, fold.map) (G400/XW7/no.19)

-- ---. Preliminary edition of the bulletin, Part II. [n.p.] 1928. 235 l. illus.

17. Procedure for soil moisture studies in rocky soils, by C.A. Taylor and Harry F. Blaney. [n.p. U.S. Department of Agriculture, December 1928] 1 l. (VF/SOILS) Attachment: Rainfall penetration on the valley floor of the Santa Ana River area [Anon.]

Physical Description: 6 l.

19. An efficient soil tube jack, by C.A. Taylor and Harry F. Blaney. (Reprinted from Soil Science, v. 27, no. 5, May 1929, pp. 351-353)

20. The loss of water along stream channels through evaporation and transpiration as indicated by measurements on Temescal Creek, by C.A. Taylor and Harry F. Blaney. [n.p. 193\_?] [10] l. fold.plates, photos. Cover title: Consumptive use of water, Temescal Creek near Corona...

21. Discussion of Water supply from rainfall on valley floors (by A.L. Sonderegger). (In Transactions, American Society of Civil Engineers, v.94 (1930), pp. 1272-75) (Sonderegger's article is paper no.1756, Transactions, American Society of Civil Engineers, v.94 (1930), pp. 1242-1268)

22. Soil moisture studies as a means of determining rainfall penetration, by W.W. McLaughlin, H.F. Blaney and C.A. Taylor. [Berkeley, Calif., U.S. Department of Agriculture] February 1930. 19 l. fold.plates.

23. Rainfall run-off from citrus groves, by Harry F. Blaney and C.A. Taylor. [n.p. U.S. Department of Agriculture, 1930] 9 l. photos.

24. Discussion of Silt transportation by Sacramento and Colorado Rivers and by the Imperial Canal (by C.E. Grunsky). (Reprinted from Transactions, American Society of Civil Engineers, v.94 (1930), pp. 1136-1140) (Grunsky's article is paper no.1752, Transactions, American Society of Civil Engineers, v.94 (1930), pp. 1104-1133)

25. Discussion of Experiments to determine rate of evaporation from saturated soils and river-bed sands (by Ralph L. Parshall). (Reprinted from Transactions, American Society of Civil Engineers, v.94 (1930), pp. 978-979) (Parshall's article is paper no.1748, Transactions, American Society of Civil Engineers, v.94 (1930), pp. 961-972)

26. Progress report on Devil Canyon shaft experiment, by Harry F. Blaney and C.A. Taylor. September 1930. 19-42 l. photo. (A cooperative investigation by the U.S.D.A., Division of Agricultural Engineering; the Calif. Department of Public Works, Division of Water Resources; and the San Bernardino Municipal Water Department)

Box 3

27. [Economic field duty of water in southern California] by S.H. Beckett, Harry F. Blaney and C.A. Taylor. 1930. 223-382 p. illus., fold.plates. (Progress reports to University of California, College of Agriculture, Agricultural Experiment Station, seasons 1928-1930)

28. Irrigation water requirement studies of citrus and avocado trees in San Diego County, California, 1926 and 1927, by S.H. Beckett, Harry F. Blaney and Colin A. Taylor. Berkeley, Calif., Agricultural Experiment Station, April 1930. 51 p. illus., map. (The Station's Bulletin no.489) (G478/F)

29. Cost of irrigation water in California, by Harry F. Blaney and Martin R. Huberty. Sacramento, Calif. Department of Water Resources, Division of Resources Planning, 1930. 143 p. fold.plates. (The Division's Bulletin no.36) (G400/XW7/no.36)

-- ---. Advance copy. 1930. 43 l. illus., fold.plates.

-- ---. Draft copy. 1930. 96+ l. fold.plates.

-- ---. (Provisional) [1955-58?] 16 l. (A partial survey of cost of irrigation water for 1954 compiled with the assistance of Gilbert L. Corey in 1955. Unofficially updates Calif. Department of Water Resources Bulletin no.36)

30. Conference on research problems in consumptive use of water and conservation of rainfall, Los Angeles, California, March 27, 28, & 29, 1930. [Ca. 150 p.] (Held under the auspices of the Water Conservation Committee, American Society of Civil Engineers, Irrigation Division; Harry F. Blaney, Secy.) Typescript addition: Edited by Harry F. Blaney

Box 4

31. Rainfall penetration and consumptive use of water in Santa Ana River Valley and coastal plain, by Harry F. Blaney, C.A. Taylor, and A.A. Young. Sacramento, Calif. Department of Public Works, Division of Water Resources, 1930. 162 p. illus., fold. plates, maps. (The Division's Bulletin no.33) (G400/XW7/no.33)

-- ---. Draft. Research into rainfall disposal and consumptive use of water by plant growth in the Santa Ana River area, a progress report. Alternate title, handwritten: Research into penetration of rainfall, and evaporation and transpiration losses and their relation to irrigation in the Santa Ana Basin. Ca. 300 l. fold.plates, photos.

-- ---. Draft. Rainfall penetration and consumptive use of water on valley floors. Alternate title, handwritten: Rainfall penetration and consumptive use of water on the Santa Ana River Valley and coastal plain. By Harry F. Blaney and C.A. Taylor. Ca. 300 l. fold.plates, photos.

-- ---. Rainfall penetration studies, by Harry F. Blaney. (Draft of the introduction to the above reports)

Physical Description: 9 l.

32. The efficiency of overhead sprinkling in the irrigation of citrus groves, by Harry F. Blaney and C.A. Taylor. 1931. 2 l. (Prepared for paper on Spray irrigation for Sixth International Commission of Soil Science Meeting, Groningen, Germany)

33. Soil sampling with a compressed air unit, by H.F. Blaney and C.A. Taylor. (Reprinted from Soil Science, v.31, no.1, January 1931, 3 p. illus.)

35. Cost of irrigation water in California. Berkeley, Calif., U.S. Bureau of Agricultural Engineering, Division of Irrigation, November 1932. [25] l. fold.plates, chiefly tables. (G4094/F2) (Abstract of State of California, Department of Public Works, Bulletin no.8, Cost of water to irrigators in California, and Bulletin no.36, Cost of irrigation water in California)

-- ---. Memorandum for W.W. McLaughlin for State biennium report on cost of irrigation water in California. September 1932.

Physical Description: 2 l.

Box 5

36. Evaporation and transpiration losses along the Mojave River near Victorville, California, by Harry F. Blaney, Colin A. Taylor and Harry G. Nickle. [1932] 40 l. fold.plates, photos. (A progress report of a cooperative investigation by the Division of Irrigation, Bureau of Agricultural Engineering, U.S. Department of Agriculture, and the Division of Water Resources, California State Department of Public Works, for the period December 5, 1930, to March 1, 1932)

-- ---. Transpiration and evaporation losses along the Mojave River near Victorville, Calif. Progress report, June 1932.

37. Investigations in Mojave River area, by Harry F. Blaney and Dean W. Bloodgood. May 1933. [35] l. fold.plates, photos. (A report of a cooperative investigation by the U.S. Bureau of Agricultural Engineering, Division of Irrigation, and the California State Department of Public Works, Division of Water Resources) At head of title: Chapter III.

38. Consumptive use of water along Coldwater Canyon near San Bernardino, California, August, 1931 to November, 1932, by Harry F. Blaney, Colin A. Taylor and Harry G. Nickle. March 1933. 62 l. fold.plates, photos. (A progress report of a cooperative investigation by the Division of Irrigation, U.S. Bureau of Agricultural Engineering, and the Division of Water Resources, California State Department of Public Works)

39. Investigations in Imperial and Coachella Valleys, California, by Paul A. Ewing, Harry F. Blaney, Walter W. Weir, J.H. McCormick and Fred C. Scobey. [n.p.] U.S. Bureau of Agricultural Engineering, Division of Irrigation, 1933. 360 l. in 2 v. fold.plates, maps (some col.). Contents.- v.1: Imperial Valley. - v.2: Coachella Valley, All-American Canal.

40. Rainfall penetration. (Chapter Six of Ventura County Investigation, Bulletin no.46 of the California Department of Public Works, Division of Water Resources, 1933, pp.82-90)

-- ---. Reprint. 12 p. fold.plates, map.

-- ---. Preliminary draft. May 1933. 69 p. Chiefly tables.

41. Rainfall penetration computations, Ventura area. 1933. 51+ l. fold.plates. Alternate title, handwritten: Rainfall penetration studies, Ventura County, California.

42. Consumptive use of water by native plants growing in moist areas in southern California. (Part I of Water losses under natural conditions from wet areas in southern California, Bulletin no.44 of the California Department of Public Works, Division of Water Resources, (South Coastal Basin Investigation), 1933, pp.7-139, illus.) (G400/XW7/no.44)

-- ---. Draft, by A.A. Young and Harry F. Blaney. April 1933. Ca. 150 l. illus., fold.plates, photos.

-- ---. Draft, by Harry F. Blaney. June 1933. 208 l. fold.plates, photos, maps. (G421/F3)

---

-- ---. Draft, entitled Use of water by noneconomic growths in southern California in relation to high ground water, by Harry F. Blaney and A.A. Young. [1933] 84 l. illus., fold.plates, photos.

Box 6

43. The wilting range in certain soils and the ultimate wilting point, by C.A. Taylor, H.F. Blaney and W.W. McLaughlin. [n.p. 1933?] 17 l. photos. (76.2/F3)

44. Progress report on response of lemon trees to various irrigation treatments, by Colin A. Taylor and J.R. Furr. August 1933, revised March 1934. 106 l. fold.plates, photos. (A cooperative report covering irrigation investigations by Bureau of Agricultural Engineering for period June, 1929, to December, 1932, and horticultural investigations by Bureau of Plant Industry for season of 1932) Irrigation and soil moisture studies... under the immediate supervision of Harry F. Blaney. - p.l.

45. Consumptive use of water by native plants growing in moist areas. 1934. 5 l. (Article prepared for California Cultivator, summarizing results of investigations given in Bulletin no.44 of the California Department of Water Resources, Division of Resources Planning)

46. Water losses due to natural causes in a southern California watershed. 1934. 147 l. fold.plates, photos. (Progress report of a cooperative investigation by California Forest and Range Experiment Station, U.S. Forest Service; and Division of Irrigation, U.S. Bureau of Agricultural Engineering) Harry F. Blaney: Irrigation engineer [in charge of water loss studies].

47. First progress report of evaporation investigations at the Baldwin Park cooperative station, July, 1932 to January, 1934, by A.A. Young. Los Angeles, U.S. Bureau of Agricultural Engineering, Division of Irrigation, March 1934. 36 l. illus., fold.plates, photos. Under the general supervision of Harry F. Blaney. - p.l.

48. Damage from movements of debris from canyons during storm of December 30, 1933 to January 1, 1934 in southern California, by Colin A. Taylor and Harry F. Blaney. Los Angeles, U.S. Department of Agriculture, January 1934. [17] l. map, photos.

Box 7

49. The 1934 water shortage in San Joaquin Valley, California, by Paul A. Ewing, Fred C. Scobey, Harry F. Blaney, O.V.P. Stout and Arthur A. Young. [n.p.] U.S. Bureau of Agricultural Engineering, Division of Irrigation, June 1934. 83 l. fold.plates, maps (some col.).

50. Discussion of A problem of soil in transportation in the Colorado River (by S.L. Rothery). (Transactions, American Society of Civil Engineers, v.99 (1934), pp. 560-561) (Rothery's article is paper no.1868, Transactions, American Society of Civil Engineers, v.99 (1934), pp. 524-543)

51. Discussion of Forests and stream flow (by W.G. Hoyt and H.C. Troxell). (Reprinted from Transactions, American Society of Civil Engineers, v.99 (1934), pp. 42-46) (Hoyt and Troxell's article is paper no.1858, Transactions, American Society of Civil Engineers, v.99 (1934), pp. 1-30)

52. Report on progress conference on water conservation, Los Angeles, California, March 13-14, 1935, by Committee on Conservation of Water, Irrigation Division, American Society of Civil Engineers. Los Angeles, The Committee, December 1935. 102 p. (G202/A512/1935) Harry F. Blaney: Secretary. Includes Evaporation studies in southern California, by Harry F. Blaney and A.A. Young, pp. 11-18.

53. Evaporation investigations, by Harry F. Blaney and A.A. Young. [n.p., 1935.]

Physical Description: 31 l.

55. Utilization of the waters of Mojave River, California, by Harry F. Blaney and Paul A. Ewing. [n.p.] U.S. Bureau of Agricultural Engineering, Division of Irrigation, August 1935. 142 l. fold.maps in pocket.

-- ---. Another issue. March 1936. 210 l. maps.

56. Evaporation and the consumptive use of water by certain native vegetation in Mesilla Valley, by Carl H. Hofmann. 1936. 8 l. illus., photos. (A progress report based on studies conducted during the summer of 1936, under the direction of Mr. Harry F. Blaney... U.S. Bureau of Agricultural Engineering)

57. The growth of lemon fruits in relation to the moisture content of the soil, by J.R. Furr and C.A. Taylor. 1936. 150 l. illus. (Prepared as a Technical bulletin, U.S. Department of Agriculture) The work of the Bureau of Agricultural Engineering was under the general direction of W.W. McLaughlin... and H.F. Blaney. - page b.

-- ---. Draft, by Colin A. Taylor. 1936. 128 l. illus. Cover title: The growth of lemon trees...

58. Symposium on contribution to ground water supplies; general review. January 1936. 6 l. (Presented at Pacific Coast Meeting of the American Geophysical Union, January 31, 1936, Pasadena)

59. Tank experiments in the middle Rio Grande Valley, New Mexico, on evaporation-transpiration by native vegetation and evaporation from free water surfaces, season, 1936, by Karl V. Morin. 1936. 43 l. illus., map. (A progress report... under supervision of Harry F. Blaney, U.S. Bureau of Agricultural Engineering, Division of Irrigation) Attachment: Cover letter from Morin to Blaney, November 1936,

Physical Description: 4 l.

60. Study of use of water by agricultural crops, Mesilla Valley, season of 1936, by Harry F. Blaney, Carl H. Hofmann and Joseph W. Carniglia. [n.p. U.S. Bureau of Agricultural Engineering, 1936.] 28 l. photos.

61. Discussion of The silt problem (by J.C. Stevens). (Reprinted from Transactions, American Society of Civil Engineers, v.101 (1936), pp. 265-268) (Stevens' article is paper no.1927, Transactions, American Society of Civil Engineers, v.101 (1936), pp. 207-250)

62. Discussion of Flood and erosion control problems and their solution (by E. Courtland Eaton). (Reprinted from Transactions, American Society of Civil Engineers, v.101 (1936), pp. 1337-1340) (Eaton's article is paper no.1950, Transactions, American Society of Civil Engineers, v.101 (1936), pp. 1302-1330)

62a. Tank experiments in the San Luis Valley, Colorado, on evaporation-transpiration by native vegetation, agricultural crops, and evaporation from free water surfaces, season, 1936, by R.B. Elmes. [n.p.] U.S. Bureau of Agricultural Engineering, [1936?] 52 l. (Under' the supervision of Harry F. Blaney)

63. [Report on Colorado Drainage Basin:] First revision, Drainage basin problems and programs. October 1937. [26] l. chiefly data. (First report of Basin Committee, October 15, 1937) Reports submitted by Harry F. Blaney [et al.]

64. Contributions to underground water supplies. Los Angeles, August 1937. 7 l. (Preliminary draft of material for proposed radio broadcast)

65. Discussion of Stable channels in erodible material (by E.W. Lane). (Reprinted from Transactions, American Society of Civil Engineers, v.102 (1937), pp. 152-153) (Lane's article is paper no.1957, Transactions, American Society of Civil Engineers, v.102 (1937), pp. 123-142)

Box 8

66. Water utilization; report of the United States Bureau of Agricultural Engineering, by Harry F. Blaney, Paul A. Ewing, O.W. Israelsen, Carl Rohwer and Fred C. Scobey. February 1938. (G2044/F6/Pt.VI,pp.293-497) (Part III of The Rio Grande joint investigation in the upper Rio Grande Basin in Colorado, New Mexico, and Texas 1936-1937, pp. 293-497) (The Rio Grande joint investigation is Part VI of Regional planning, by the U.S. National Resources Committee)

-- ---. Draft. Investigations in upper Rio Grande drainage basin, Colorado-New Mexico-Texas. 1937. 415 l. illus., fold.plates. (G2495/F7) Cover title varies slightly.

67. Field methods of determining consumptive use of water. June 1938. 10 l. (Paper presented at the annual meeting of the American Society of Agricultural Engineers, Asilomar, Pacific Grove, California, June 29, 1938)

-- ---. [2nd draft.] Includes handwritten revisions.

Physical Description: 14 l.

-- ---. [1st draft.]

Physical Description: [17] l.

68. Survey report on ground water; flood control-Los Angeles River [and San Fernando Valley] (Preliminary draft), by Dean C. Muckel. Los Angeles, U.S. Bureau of Agricultural Engineering, Division of Irrigation, December 1938. [37] l. fold. plates. Under the supervision of Harry F. Blaney and A.A. Young.

69. Survey report; San Gabriel River (Preliminary draft) ground water (II-B-3), by Harry F. Blaney and A.A. Young. Los Angeles, U.S. Bureau of Agricultural Engineering, Division of Irrigation, September 1938. [56] l. fold.plates, fold.maps. [For California Basin Committee of the National Resources Committee.]

-- ---. Appendix III: Hydrographs of typical wells in the San Gabriel Basin. 1938. [25] l. fold.plates.

Box 9

70. Objectives and activities of the Society committee on water conservation. (In Proceedings of the Water Conservation Conference, Salt Lake City, Utah, July 19, 1938 [of the American Society of Civil Engineers, Irrigation Division] pp. 1-8) Harry F. Blaney: Chairman, General Committee on Conservation of Water.

71. Irrigation methods for the control of salts, [by C.A. Taylor and Harry F. Blaney. n.p., U.S. Bureau of Agricultural Engineering, March 1938.] 2 l. illus.

72. Ground-water investigations in California. (Appendix A to Report of the Committee on Underground Waters, 1937-38 in Transactions of the American Geophysical Union, 1938, Part I, pp. 346-347)

73. Discussion of Measurement of debris-laden stream flow with critical-depth flumes (by H.G. Wilm, John S. Cotton and H.C. Storey). (In Transactions, American Society of Civil Engineers, v.103 (1938), pp. 1266-68) (Wilm's article is paper no.2005, Transactions, American Society of Civil Engineers, v.103 (1938), pp. 1237-53)

74. Deposition in debris basins, southern California area, 1934-38, compiled by Harry F. Blaney. [1938?]

Physical Description: [14] l.

75. Western states snow surveys. (In California Cultivator, v.85, no.11, May 21, 1938, pp. 323, 339)

-- ---. Draft, Snow surveys in western states.

Physical Description: 7 l.

76. First progress report of irrigation investigations on Encino citrus experiment plots, San Fernando Valley, California, [by Harry F. Blaney and D.A. Lane.] Los Angeles, U.S. Bureau of Agricultural Engineering, Division of Irrigation, March 1939. 8+ l. illus.

77. Discussion of A theory of silt transportation (by W.M. Griffith). (Reprinted from Transactions, American Society of Civil Engineers, v.104 (1939), p. 1754) (Griffith's article is paper no.2052, Transactions, American Society of Civil Engineers, v.104 (1939), pp. 1733-1748)

78. Preliminary draft of first progress report on irrigation studies 1939 season, San Fernando Valley, California [by Harry F. Blaney et al.? n.p., n.d.]

Physical Description: One folder.

80. Irrigation practices in growing alfalfa, by Samuel Fortier, revised by Harry F. Blaney [et al.] Washington, D.C., U.S. Department of Agriculture, 1930, revised 1940 27 p. illus., maps. (The Department's Farmer's bulletin no.1630) (77/YA5/no.1630)

81. Use of water by irrigated orchards in San Fernando Valley, Los Angeles County, California, 1927-29. Los Angeles September 1960 [i.e. 1940.] 51 l. illus. Cover title varies slightly. (Based on cooperative studies between the U.S. Department of Agriculture and the Bureau of Water Works and Supply, City of Los Angeles)

82. A preliminary report of studies on contribution of rainfall on valley floor to ground water supply in San Fernando Valley, California, season of 1939-40 [by Harry F. Blaney?] Los Angeles, November 1940. [37] l. At head of title: Rough draft. (A report covering co-operative investigations by the U.S. Soil Conservation Service and the Los Angeles Bureau of Water Works and Supply)

83. Preliminary draft of first progress report on cooperative research studies on water utilization, San Fernando Valley, California, irrigation season of 1939, by Harry F. Blaney and Homer J. Stockwell. Los Angeles, U.S. Department of Agriculture, February 1940. 51 l. illus.

84. Second progress report on cooperative research studies on water utilization, San Fernando Valley, California, irrigation season of 1940 (preliminary draft), by Harry F. Blaney and Homer J. Stockwell. Los Angeles, U.S. Department of Agriculture, June 1941.

85. Soil moisture methods and equipment (preliminary draft). Los Angeles, November 1941. 20 l. illus. Illus. wanting.

86. Report on agricultural survey of Cuba, by the Technical Commission from the United States Department of Agriculture. Washington, D.C., April 1941. 89, 160 l. illus. Harry F. Blaney one of five Commission members.

-- ---. Figures. 18 l. fold.maps, fold.plates.

-- ---. Draft of Chapter 3, Irrigation. April 1941.

Physical Description: 18 l.

Box 10

87. Consumptive use of water formulae, by Karl V. Morin. 1941. [25] l. (Prepared for co-authorship with Harry F. Blaney, for submission to the American Geophysical Union in April, 1941) Cover letter from Morin to Blaney.

88. Utilization of the waters of the Beaumont Plains and San Jacinto Basin, California; a progress report, by Arthur A. Young, Paul A. Ewing and Harry F. Blaney. [n.p.] U.S. Soil Conservation Service, Division of Irrigation, February 1941. 336 p. maps (some col., some fold.) (G4743/G3) Cover title varies slightly.

-- ---. Draft, Use of water in Beaumont Plains and San Jacinto Basin, California. June 1940. 178 l. maps (some col.) At head of title: Preliminary progress report on... Alternate title, handwritten: Utilization of the waters of Beaumont...

89. Use of water by native vegetation, by Arthur A. Young and Harry F. Blaney. Sacramento, California Department of Public Works, Division of Water Resources, 1942. 154 p. illus. (The Division's Bulletin no.50) (G400/XW7/no.50)

-- ---. Draft. 1941. Prepared as a Technical bulletin, U.S. Department of Agriculture. 177 l. illus., fold.plates, photos.

-- ---. Draft. 1938. Prepared as a Technical bulletin, U.S. Department of Agriculture.

Physical Description: 188 l.

90. Evaporation and consumptive use of water empirical formulas, by Harry F. Blaney and Karl V. Morin. (In Transactions of the American Geophysical Union, Part I, August 1942, pp. 76-83, illus.)

-- ---. Paper prepared for the South Pacific meeting of the Section of Hydrology, American Geophysical Union, Pasadena, California, January 16, 1942. 16 l. [n.d.] Title varies: formulae.

-- ---. [Final?] draft.

Physical Description: 11 l.

-- ---. Draft copy. [later than 2nd draft.]

Physical Description: 14 l.

-- ---. Second draft. [n.d.]

Physical Description: [16] l.

Box 11

91. Consumptive water use and requirements, by Harry F. Blaney, Paul A. Ewing, Karl V. Morin, Dean W. Bloodgood, Lawrence H. Schoenleber, Wayne D. Criddle, Dean C. Muckel and Fred C. Scobey. June 1942. (G2044/G2-19/Vol. I, pp. 170-230) (Part III, Section 3 of The Pecos River joint investigation; reports of the participating agencies, by the National Resources Planning Board, pp. 170-230) Vol. II: Atlas of plates... to accompany the report... These reports are summarized in Regional planning, part X - the Pecos River joint investigation in the Pecos River Basin in New Mexico and Texas: summary, analyses, and findings, by the National Resources Planning Board. (G2044/F6/Pt. X)

-- ---. Draft. February 1941. 184 l. fold.plates, maps. On cover: Pecos River joint investigation; (Part IV-B); section 2 - Consumptive water use and requirements, by Harry F. Blaney and Paul A. Ewing, assisted by Karl V. Morin and Wayne D. Criddle, Jr.

-- ---. Preliminary progress report of soil moisture studies in irrigated areas of Pecos River Basin, by Harry F. Blaney, Wayne D. Criddle and Lawrence H. Schoenleber. December 1940. 46 l. fold.map. Prepared for use in completion of final report of Pecos River joint investigation. - p.l.

-- ---. Evapo-transpiration studies on native vegetation [Pecos River 1939-41], by Harry F. Blaney and Karl Morin. [25] l. illus., fold.plate, photos.

-- ---. Progress report on evapo-transpiration and evaporation studies, Pecos River, New Mexico and Texas, 1940 and 1941 (Preliminary draft), by Harry F. Blaney and Karl V. Morin. Los Angeles, May 1942. 42 l. illus., photos.

Box 12

92. Comparison of evaporation from weather bureau and other types of evaporation pans, Baldwin Park cooperative station, California, by Arthur A. Young. Pomona, Calif., U.S. Soil Conservation Service, Division of Irrigation, March 1942. 85, 226 l. photos. Baldwin Park evaporation station was installed and the investigation was started under the supervision of Harry F. Blaney. - p.l. Chiefly tables.

93. Proposed project, Yermo, California. Los Angeles, April 1942.

Physical Description: 6 l.

94. Memorandum on weed control by use of oil spray. Los Angeles, July 1942. 3 l. (Prepared for U.S. Soil Conservation Service, Division of Irrigation)

95. Discussion of Hydraulics of sprinkling systems for irrigation (by J.E. Christiansen). (Reprinted from Transactions, American Society of Civil Engineers, v.107 (1942), pp. 247-248) (Christiansen's article is paper no.2132, Transactions, American Society of Civil Engineers, v.107 (1942), pp. 221-239)

96. Discussion of Consumptive use of water for agriculture (by Robert L. Lowry, Jr. and Arthur F. Johnson). (In Transactions, American Society of Civil Engineers, v.107 (1942), pp. 1282-1287) (Lowry and Johnson's article is paper no.2158, Transactions, American Society of Civil Engineers, v.107 (1942), pp. 1243-1266)

97. Conference on consumptive use of water by native vegetation along the Gila River in Safford Valley, April 4, 1943 at Safford, Arizona. Phoenix, Ariz., April 1943. 5 l. (Memorandum from Harry F. Blaney to Alfred T. Barr)

98. Clearing of channel of Gila River in lower Safford Valley, Graham County, Arizona. Phoenix, Ariz., February 1943.

Physical Description: 17 l.

99. Scope of investigation relative clearing of channel of Gila River. [March 1943?]

Physical Description: 8 l.

100. Methods of determining consumptive use of water. (In Revista de la Sociedad Cubana de Ingenieros, v.38, no.1, January 1943, pp. 84-99, illus.)

-- ---. Preprint. [1942?]

-- ---. Draft. [1941?] 15 l. fold.plate, photo.

101. Memorandum on the proposed Mojave River dairy farms project, California, May 1943. One folder, [66] l. (From Harry F. Blaney to W.W. McLaughlin, Chief, Division of Irrigation, U.S. Soil Conservation Service)

104. [Memorandums on Italian agriculture.] Los Angeles, August 1943. [24] l. (From Harry F. Blaney to Hollis O. Black, Securities and Exchange Commission, and others)

106. Irrigation notes, by Harry F. Blaney [et al.] Los Angeles, U.S. Department of Agriculture, 1943. [16] l. Provisional. (Prepared for Emergency Rubber Project, Forest Service, under the direction of Harry F. Blaney)

107. Rubber from guayule. (In Agricultural Engineering, v.24, no.6, June 1943, pp. 194-196)

-- ---. Reprint.

108. Irrigation practices, by Harry F. Blaney [et al. 1943.] [44] l. (Chapter P-IP of [Guayule handbook]) (Made in connection with Guayule Emergency Rubber Project, U.S. Forest Service)

109. Progress report of activities of the irrigation staff for Emergency Rubber Project, U.S. Forest Service, by the U.S. Soil Conservation Service, Division of Irrigation. Los Angeles, June 1943. 191 l. maps (one fold.), photos. Provisional. Prepared under the supervision of Harry F. Blaney.

109a. Water requirement of guayule, by Harry F. Blaney and Wayne D. Criddle. Los Angeles, U.S. Soil Conservation Service, April 1943. Ca. 150 l. Chiefly tables.

-- ---. [Data and correspondence relating to Emergency Rubber Project.]

Physical Description: 2 folders.

112. Soil moisture and irrigation practice investigations. Los Angeles, September 1944.

Physical Description: 8 l.

-- ---. Draft.

Physical Description: 7 l.

114. Evapo-transpiration. February 1944. 18 l. (Paper presented at the Soil Conservation Meeting, Pasadena, California, February 15, 1944.

-- ---. Summary.

Physical Description: 8 p.

115. Discussion of Sedimentation in reservoirs (by Berard J. Witzig). In Transactions, American Society of Civil Engineers, v.109 (1944), pp. 1089-1091) (Witzig's article is paper no.2227, Transactions, American Society of Civil Engineers, v.109 (1944), pp. 1047-1071)

116. Water requirements of crops affecting irrigation planning, [by Harry F. Blaney. Yakima, Washington, U.S. Soil Conservation Service, June 1944.]

Physical Description: [8] l.

120. A method of estimating water requirements in irrigated areas from climatological data, by Harry F. Blaney and Wayne D. Criddle. [n.p.] U.S. Soil Conservation Service, Division of Irrigation, June 1945. [25] l. Provisional.

-- ---. Blaney's edited copy. Title: Determining water requirements for irrigated areas. [n.d.]

-- ---. Revised edition. 1947.

Physical Description: 17 l.

121. Preliminary estimate consumptive use and irrigation requirements for alfalfa, Antelope Valley, California. Los Angeles, U.S. Soil Conservation Service, Division of Irrigation, June 1945.

Physical Description: 5 l.

Box 13

122. The irrigation water supply of Antelope Valley, Calif., by Paul A. Ewing, Dean C. Muckle and Harry F. Blaney. 1945. 74 l. A compilation of various reports by members of the staff of the Division of Irrigation, Soil Conservation Service.

123. Irrigation in Altus area Oklahoma. May 1945. 30, 6 l. fold.map. (A report by the Division of Irrigation in cooperation with Western Gulf Region of the [U.S.] Soil Conservation Service, Fort Worth, Texas)

124. The ground water situation in San Fernando Valley, California (provisional); a compilation, by Harry F. Blaney and William W. Donnan. Los Angeles, December 1945. 56 l. (Prepared in collaboration with... San Fernando Valley Soil Conservation District, Los Angeles County Flood Control District, Los Angeles City Department of Water and Power, Los Angeles City Engineer, and U.S. Soil Conservation Service)

-- ---. Revised. January 1946. 56 l. illus., fold.maps.

128. Progress report on irrigation practices on peach orchards, Yucaipa Soil Conservation District, San Bernardino County, California, by A.W. McCulloch and Harry F. Blaney. [n.p.] U.S. Soil Conservation Service [1945.] [21] l. illus.

129. Utilization of the waters of lower San Luis Rey Valley, San Diego County, California, by Dean C. Muckel and Harry F. Blaney. Los Angeles, U.S. Department of Agriculture, April 1945. 144 l. illus., fold.plates, fold.maps. (G4783/G5)

-- ---. Draft. [1945.] 158 l. fold.plates, maps, photos.

-- ---. Third progress report of cooperative studies on water utilization in San Luis Rey Valley, California, by Dean C. Muckel under the supervision of Harry F. Blaney. Pomona, Calif., July 1943. 150 l. fold.plates.

-- ---. Second progress report... 1940, by Dean C. Muckel and Harry F. Blaney. Los Angeles, June 1941. 83 l. fold.plates, maps, photos.

-- ---. First progress report... 1939. Los Angeles, April 1940. 56 l. fold.map, photos.

131. Discussion of Evaporation from a free water surface (by G.H. Hickox). (In Transactions, American Society of Civil Engineers, v.III (1946) pp. 42-43) (Hickox' article is paper no.2266, Transactions, American Society of Civil Engineers, v.III (1946) pp. 1-33)

132. Water application efficiencies in irrigation, by Orson W. Israelsen and Harry F. Blaney. Logan, Utah, U.S. Soil Conservation Service, February 1946. 17 l. (Presented at South Pacific meeting of the Section of Hydrology, American Geophysical Union, February 27, 1946, Sacramento, Calif.)

-- ---. Another issue of the introduction.

Physical Description: 4 l.

Box 14

135. Irrigation practices and consumptive use of water in Salinas Valley, California, by Harry F. Blaney and Paul A. Ewing. [n.p.] U.S. Soil Conservation Service, June 1946. 81 l. fold.map. (G4682/G6)

-- ---. Draft. May 1946. 99 l. fold.map.

136. Consumptive use of water. (Part of Appendix C of Salinas Basin Investigation, bulletin no.52 of the Calif. Department of Public Works, Division of Water Resources, 1946, pp. 211-226) (G400/XW7/no.52, pp. 211-226)

137. Water losses in the Santa Ana River Canyon below Prado Dam, California, by Dean C. Muckel and Harry F. Blaney. [n.p.] U.S. Soil Conservation Service, Research; Division of Irrigation and Water Conservation, June 1946. 64 l. fold.map.

-- ---. Draft. June 1946. 62 l. fold.map.

-- ---. First progress report (provisional), by Dean C. Muckel, Willis C. Barrett, and Harry F. Blaney. Los Angeles, February 1945. 30 l. fold.maps.

-- ---. Water losses in lower Santa Ana River Canyon; first progress report of joint investigation..., by Harry F. Blaney, Harlowe M. Stafford, Dean C. Muckel and Marion B. Scott. Los Angeles, February 1945. 99 l. fold.plates, maps.

138. Report on drainage investigation in irrigated areas of Imperial Valley, California, by William W. Donnan, Vladimir S. Aronovici and Harry F. Blaney. Los Angeles, U.S. Soil Conservation Service, Research, January 1947. 95 l. illus., maps. (G454/G7)

-- ---. Preliminary draft. January 1947. 118 l. illus., maps, photos. Edited copy. Provisional.

- 
- Box 15
139. The water supply of the Escondido Soil Conservation District, San Diego County, California, by Dean C. Muckel. [n.p.] U.S. Soil Conservation Service, Research; Division of Irrigation and Water Conservation, February 1947. 53 l. maps. (G4781/G7) (Under the immediate supervision of Harry F. Blaney)
- ---. Provisional-preliminary draft. February 1947. [64] l. fold.maps.
140. Evaporation from water surfaces in California; a summary of pan records and coefficients 1881 to 1946, by Arthur A. Young. [Sacramento] California Department of Public Works, Division of Water Resources, 1947. 68 p. (The Division's bulletin no.54) (G400/XW7/no.54) Harry F. Blaney: Research project supervisor.
- ---. Bulletin no.54-A. Basic data. 1948. 205 p. (G400/XW7/no.54-A)
- ---. Draft, Evaporation in California, a summary... Pomona, Calif., March 1947. 403 l. Chiefly tables. (See also no.213 of this list)
141. Tile effluent measuring devices (provisional), by William W. Donnan and George B. Bradshaw. Imperial, California, U.S. Department of Agriculture, June 1947. 20 l. illus. (69.1/G7) (A contribution from the Imperial Valley Drainage Research Project; Harry F. Blaney, Research project supervisor)
142. Report on alfalfa irrigation, Antelope Valley Soil Conservation District, Los Angeles County, California, by Edwin J. Core and Harry F. Blaney, [n.p.] U.S. Soil Conservation Service, 1947. 15 l. illus., fold.plates, map.
146. Closing discussion of Some recent evaporation investigations (by Arthur A. Young). Los Angeles, February 1948. 5 l. (Young's paper appears in Transactions, American Geophysical Union, v.28, no.2, April 1947, pp. 279-284)
147. Preliminary progress report on cooperative investigations in Imperial Valley, California. 1934/44-1950, by U.S. Soil Conservation Service. El Centro and Los Angeles, Calif., 1944-51. 6 v. illus., fold.plates, maps. (G4541/YS9) (Prepared under the direction of W.W. McLaughlin, 1943/44-1944-45?, and Harry F. Blaney, 1947?-1950, in cooperation with the Imperial Irrigation District. 1943/44 and 1944/45 also bear title: Imperial Valley drainage investigation, California. Principal authors: William W. Fox, Vladimir S. Aronovici, William W. Donnan, George B. Bradshaw and William T. Gish.
148. Provisional report on proposed tile drainage manual, Imperial Valley, California, by the [U.S. Soil Conservation Service?] Drainage Manual Committee. Los Angeles, September 1947. 42 l. illus. (G4541/G7-1) Harry F. Blaney: Research project supervisor, Chairman.
- Box 16
150. Consumptive use of water for agricultural purposes. (In Proceedings of Third Nevada Water Conference, Carson City, Nevada, November 4 and 5, 1948, pp. 33-42) Discussion follows, pp. 42-54, by Harry F. Blaney and others.
151. Evaluation of recommended irrigation practices in growing alfalfa, Antelope Valley Soil Conservation District, California, by Vladimir S. Aronovici. Pomona, Calif., U.S. Soil Conservation Service, January 1948, revised September 1948. 36 l. illus., map. Provisional. Under the immediate supervision of Harry F. Blaney.
153. Consumptive water requirements in irrigated areas of the Southwest. 9 l. (Brief statement for staff conference of the Division of Irrigation and Water Conservation, Soil Conservation Service... June 7-11, 1948, Logan, Utah)
154. Consumptive use of water in the irrigated areas of the upper Colorado River Basin (provisional), by Harry F. Blaney and Wayne D. Criddle. [n.p.] U.S. Soil Conservation Service, Research, April 1949. 49 l. illus., fold.map. (G335/G9) Cover title.
- ---. Draft, Consumptive use of water rates in the upper Colorado River Basin (provisional). June, 1948. 49 l. Cover title varies slightly.
- ---. Draft, Tentative estimates of consumptive use of water rates in the upper Colorado River Basin, by Harry F. Blaney. March 1948. 31 l. Provisional. Chiefly tables.
-

155. Consumptive use and irrigation water requirements of crops in Colorado, by Harry F. Blaney and Wayne D. Criddle.

Draft. August 1949. 40 l. fold.maps.

156. Design and use of the Pomona soil-sampling device, by V.S. Aronovici. [n.p.] U.S. Soil Conservation Service, June 1949. 13 l. illus. Provisional. (Under the immediate supervision of Harry F. Blaney)

157. Irrigation practices and consumptive use of water in Pajaro Valley, California, by Harry F. Blaney and Paul A. Ewing. [n.p.] U.S. Soil Conservation Service, December 1949. 62 l. fold.plate, maps. (G42141/H9)

-- ---. Progress report. December 1948. 68 l. maps. Includes manuscript revisions.

-- ---. Published as Appendix I of Santa Cruz-Monterey Counties investigation, Bulletin no.5 of the California State Water Resources Board, 1953, pp. 159-189. (G400/XW6/no.5)

158. Preliminary progress report on consumptive use of water investigations in San Pasqual Valley, California, by Harry F. Blaney and Dean C. Muckel. September 1945. (G400/XW7/no.55) (Appendix D of California Department of Public Works, Division of Water Resources Bulletin no.55: San Dieguito and San Diego Rivers investigation, 1949, pp. 197-208)

-- ---. Draft. Los Angeles, September 1945. 13 l. fold.plate.

159. Solving the drainage problems in barrier areas (provisional), by George B. Bradshaw and William W. Donnan. Imperial, California, U.S. Department of Agriculture, October 1949. 8 l. illus., map. (G454/H) (A paper to be read at the meeting of the American Society of Agricultural Engineers, Salt Lake City, Utah, March 1950)

160. Soil moisture and irrigation practice investigations. Los Angeles, U.S. Soil Conservation Service, revised March 1949. 11 l. Provisional.

Box 17

161. Ground water and drainage investigations in San Fernando Valley, Los Angeles, California, by William W. Donnan, G. Marvin Litz and V.S. Aronovici. Los Angeles, U.S. Soil Conservation Service, Research, December 1950. 56 l. illus., fold.plates, maps. (G46029/H) (Under the immediate supervision of Harry F. Blaney)

-- ---. Report on cooperative investigations in San Fernando Valley... September 1950. 59 l. illus., fold.maps, fold.plates. (G46029/H-1/Mss.)

-- ---. Progress report on cooperative investigations in San Fernando Valley.... May 1949. 51 l. fold.maps, fold.plates.

-- ---. Progress report... 1947-1948, by William W. Donnan and V.S. Aronovici. Los Angeles, June 1948. 26 l. fold.plates, maps, photos.

162. A falling head permeameter for evaluating permeability (provisional), by George B. Bradshaw and William W. Donnan. [n.p.] U.S. Soil Conservation Service, Research, January 1950. 14 p. illus. (76.21/H) (A contribution from the Imperial Valley Drainage Research Project under supervision of Harry F. Blaney)

-- ---. Draft. 15 l. illus., photos.

163. Preliminary progress report on cooperative investigations in Imperial Valley, California, for year 1949, by George B. Bradshaw and William W. Donnan. Los Angeles, U.S. Soil Conservation Service, Research, March 1950. 68 l. fold.plates, maps, photos. (Under the immediate supervision of Harry F. Blaney) Provisional.

-- ---. Summary, by Harry F. Blaney. April 1950.

Physical Description: 4 l.

164. **Consumptive use of water, by Harry F. Blaney and Orson W. Israelsen. (Chapter 14 of Irrigation principles and practices, 2nd edition, by Orson W. Israelsen; John Wiley & Sons, Inc., 1950, pp. 295-316) (30.2/J2/2nd ed.)**

-- ---. [First draft. n.d.]

Physical Description: 31 l.

-- ---. [Second?] draft. November 1949.

Physical Description: 33 l.

165. **Evaluation of soil-moisture characteristics, Mojave Desert, California (a laboratory investigation), by V.S. Aronovici. Pomona, Calif., U.S. Soil Conservation Service, Research, September 1950. 31 l. photos. Provisional. (Under the immediate supervision of Harry F. Blaney)**

166. **Methods of determining ground-water levels and movements (provisional), by William W. Donnan and George B. Bradshaw. [n.p.] U.S. Soil Conservation Service, Research, January 1950. 14 l. illus. (A contribution from the Imperial Valley Drainage Research Project under supervision of Harry F. Blaney)**

-- ---Draft, includes photographs.

Physical Description: 14 leaves.

167. **Consumptive use of water in relation to irrigation requirements. (In Proceedings, sixth annual conference, Colorado River Water Users Association, San Diego, California, January 5 and 6, 1950, pp. 41-53)**

-- ---. Preliminary draft. December 1949.

Physical Description: 20 l.

-- ---. First draft.

Physical Description: 17 l.

168. **Determining water requirements in irrigated areas from climatological and irrigation data, by Harry F. Blaney and Wayne D. Criddle. Washington, D.C., U.S. Soil Conservation Service, August 1950. 48 p. illus. (Its SCS-TP-96)**

-- ---. Draft copy. Blaney's edited copy. September 1949. 58 l. illus.

-- ---. Draft of text of the supplement. 5 l. [See also item 281 in this list]

169. **Consumptive use and irrigation water requirements of crops in New Mexico (provisional), by Harry F. Blaney, Eldon G. Hanson and G. Marvin Litz. Washington, D.C., U.S. Soil Conservation Service, December 1950. 34 p. map.**

170. **Irrigation practices and consumptive use of water in Lake County, California, by Harry F. Blaney and Paul A. Ewing. Los Angeles, U.S. Soil Conservation Service, Research, June 1951, revised December 1953. [55] l. map.**

-- ---. Progress report. Los Angeles, June 1951. 48 l. maps.

-- ---. Published as appendix K of the Calif. State Water Resources Board Bulletin no. 14, Lake County investigation, 1957. (G400/XW6/no.14)

Box 18

171. Consumptive use and irrigation requirements of crops in Arizona (provisional), by Harry F. Blaney and Karl Harris. Washington, D.C., U.S. Soil Conservation Service, December 1951. 49 p. map. (G358/HI)

-- ---. Draft. August 1951. 61 l. map.

172. Irrigation requirements of crops. (Reprinted from Agricultural engineering, v.32, no. 12, December 1951, pp. 665-668) Attachment: graph.

-- ---. Paper prepared for a panel discussion on Evaluation of factors controlling soil and water relations under irrigation,... American Society of Agricultural Engineers, Houston, Texas, June 20, 1951. 15 l. Provisional.

173. Sprinkler irrigation trials - Antelope Valley Soil Conservation District, by G. Marvin Litz, Charles F. Bond and William W. Donnan. Los Angeles, U.S. Department of Agriculture, March 1951. 27 l. illus. (G4602/HI) Provisional. (Under the immediate supervision of Harry F. Blaney)

174. Some aspects of the water resources and land of the South Coastal Basin, California. 13 l. fold.map. (Memorandum prepared for U.S. Soil Conservation Service, [April 1951] Cover title, handwritten: Some aspects of the water resources and of the South Coastal Basins of California.

175. Consumptive use of water. (Separate no.91 of Proceedings, American Society of Civil Engineers, v.77, October 1951, pp. 1-19)

-- ---. Reprinted from Transactions, American Society of Civil Engineers, v.117, 1952, pp. 949-967, as the first paper of Consumptive use of water; a symposium, under the title, Definitions, methods, and research data.

-- ---. Consumptive use of water (provisional). 25 l. (A paper prepared for the Symposium on Consumptive Use of Water, to be presented at the Irrigation Division session of the Spring meeting of the American Society of Civil Engineers, April 26, 1950, Los Angeles, California)

-- ---. Draft.

Physical Description: 30 l.

176. Preliminary progress report on cooperative investigations in Imperial Valley, California, for year 1950, by George B. Bradshaw, William W. Donnan and William T. Gish. Los Angeles, U.S. Soil Conservation Service, Research, July 1951. 92 l. illus., fold.plates, maps, photos. (Under the immediate supervision of Harry F. Blaney)

177. Report of cooperative investigations on consumptive use of water in the West Coast Basin, Los Angeles County, California, by V.S. Aronovici, William W. Donnan and G. Marvin Litz. Los Angeles, U.S. Soil Conservation Service, August 1951. 58 l. illus., fold.map. (Under the supervision of Harry F. Blaney)

-- ---. Progress report on cooperative investigations in the Los Angeles West Coast Basin, California. July 1949. 70 l. fold.map. First draft.

178. Use of water by irrigated crops in California. (In Journal, American Water Works Association, v.43, no.3, March 1951, pp. 189-200)

-- ---. Reprint.

-- ---. Abstract of paper on use of water by irrigated crops in California. 10 l. (Paper to be presented at the annual meeting of the California Section, American Water Works Association in San Diego, California, October 27, 1950) Provisional.

179. Consumptive use of water by crops and native vegetation as it relates to irrigation and water supplies (provisional). 14 l. (Prepared for a conference between representatives of the U.S. Soil Conservation Service and the Bureau of Plant Industry, Soils and Agricultural Engineering, October 31, [1952?] U.S. Regional Salinity Laboratory, Riverside, California)

180. Determining evapotranspiration by phreatophytes from climatological data. (In Transactions, American Geophysical Union, v.33, no.1, February 1952, pp. 61-66)

-- ---. Reprint.

181. Irrigation water requirements of crops in Shiprock and South San Juan Projects, New Mexico (provisional), by Harry F. Blaney and C.H. Diebold. [n.p.] U.S. Soil Conservation Service, October 1952. [52] l. fold.map. (G384/H2)

-- ---. Tentative draft. September 1952, revised October 1952.

Physical Description: [31] l.

Box 19

182. Evapo-transpiration by vegetative cover with particular reference to semi-arid areas. 10 l. (Paper presented at Sixth International Congress, August 23, 1952, Pennsylvania State College, State College, Penn.)

183. Ground-water investigations of Imperial County, California (provisional), by George B. Bradshaw and William W. Donnan. Los Angeles, U.S. Soil Conservation Service, Research, January 1952. 61 l. illus., fold.map. (G454/H2-1) Chiefly tables. (Under the supervision of Harry F. Blaney)

184. Consumptive use of water rates in the lower Colorado River Basin, by Harry F. Blaney and Karl Harris. 89 l. (Appendix B of Water supply of the lower Colorado River Basin, by the U.S. Bureau of Reclamation, November 1952)

-- ---. Another copy. Appendix B only.

-- ---. Appendix 1 to Report on consumptive use of water rights [i.e. rates] in the lower Colorado River Basin. [n.d.] 32 l. Chiefly tables.

185. Estimating consumptive use of water by phreatophytes from climatological data. (In Report to the Salt Cedar Action committee by the Salt Cedar Technical Sub-Committee, New Mexico. March 1952, pp. 17-19) (G384/H2)

Box 20

187. Rainfall and irrigation water penetration in the upper Santa Ana River Valley, San Bernardino County, California, by Dean C. Muckel and V.S. Aronovici. [n.p.] U.S. Soil Conservation Service, April 1952. 101 l. maps (one fold.) (G4775/H2) (Under the direction of Harry F. Blaney)

-- ---. Basic data supplementing a report entitled Rainfall and irrigation.... April 1952. 41 l. fold.maps in pocket. Chiefly tables (some fold.)

-- ---. Appendix A: Consumptive use in the valley of Santa Ana River between Riverside Narrows and the Orange County line, California, by Dean C. Muckel. [n.d.]

Physical Description: 17 l.

-- ---. Draft of Appendix A. November 1947.

Physical Description: [16] l.

-- ---. Progress report, Rainfall and irrigation water penetration and consumptive use in the Bunker Hill, Devil Canyon, Cajon (lower), Lytle, Rialto, and Colton-Reche Canyon ground-water basins, California. Pomona, Calif., July 1950. 55 l. fold.maps. Provisional.

-- ---. Progress report, Rainfall and irrigation water penetration and consumptive use in the Beaumont-Yucaipa area, Santa Ana River Valley, California. Pomona, Calif., March 1950. 67 l. illus., fold.maps. Provisional.

-- ---. Draft of Beaumont-Yucaipa progress report. December 1949. 62 l. illus., fold.maps.

-- ---. Progress report on rainfall and irrigation water penetration and consumptive use in the Chino Basin, Santa Ana River Valley, California. [n.p.] February 1948. 96 l. fold.plates, map. Provisional.

188. Some developments in water spreading (provisional), by Leonard Schiff. Bakersfield, Calif., U.S. Soil Conservation Service, September 1952, supplemented November 1953. 31, 14 l. (64.51/H2-1 and 64.51/H2-1/Suppl.) (Under the supervision of Harry F. Blaney)

189. An exploratory study of the effects of surface head on infiltration rates under water spreading conditions (provisional), by Leonard Schiff. [n.p.] 1952. 17 l. illus. (64.51/H2) (Under the supervision of Harry F. Blaney) (Presented at the American Geophysical Union Meeting, Washington, D.C., May 7, 1952)

-- ---. Draft. March 1952. 28 l. illus., photos.

190. Consumptive water requirements. October 1952. 3 l. (Brief statement prepared for Pomona Conference of Division of Irrigation, U.S. Soil Conservation Service, Oct. 27-29, 1952) Alternate title: Water requirements in Pacific Southwest irrigated areas.

191. Determining consumptive use of ground water by native vegetation from climatological data (provisional). [n.p.] U.S. Soil Conservation Service, Research, 1953. 11 l. (To be presented at the Annual Meeting of Western State Engineers, Reno, Nevada, August 17-18, 1953, as part of a symposium on ground water)

-- ---. Draft. Los Angeles, July 1953.

Physical Description: 13 l.

192. Consumptive use of water rates by the irrigated lands in the Colorado River Basin of Nevada, by Clyde E. Houston and Harry F. Blaney. Reno, Nevada, U.S. Soil Conservation Service, December 1953.

Physical Description: 10 l.

-- ---. Published as Chapter IX of Present and potential use of the waters of the Colorado River and tributaries within Nevada, together with related matters, by Hugh A. Shamberger, 1954, pp. 77-81. (G3799/H4)

Box 21

193. Leaching studies in connection with drainage of saline soils in the Imperial Valley, California (provisional), by George B. Bradshaw and William W. Donnan. Los Angeles, U.S. Soil Conservation Service, Research, May 1953. 80 l. illus., maps. (G4541/H3) (Under the supervision of Harry F. Blaney)

-- ---. Preliminary draft. January 1952. 97 l. illus., maps, photos.

194. Consumptive water requirements in the Colorado River Basin (provisional). 1953. 11 l. (Paper presented at the Annual Meeting of the Colorado River Water User's Association, Las Vegas, Nevada, December 10, 1953)

-- ---. Draft.

Physical Description: 18 l.

195. Replenishing ground water supplies in Kern County, California, by Dean C. Muckel. 7 l. photos. (Under the direction of Harry F. Blaney) (Prepared for Southwest Builder and Contractor, April 1953)

196. Ground water replenishment by penetration of rainfall, irrigation and water spreading in zone 3, Ventura County Flood Control District, California (provisional), by Dean C. Muckel, V.S. Aronovici, William W. Donnan and G. Marvin Litz. Los Angeles, U.S. Soil Conservation Service, Research, April 1953. 63 l. illus., maps (some fold.) (G4978/H3) (Under the supervision of Harry F. Blaney)

-- ---. Progress report on ground-water replenishment... 1950-51 (provisional), by V.S. Aronovici, William W. Donnan, G. Marvin Litz and William T. Gish. January 1952. 53 l. maps (some fold.), photos.

197. Irrigation and water supply investigations in Tehachapi Soil Conservation District, Kern County, California (provisional), by William W. Donnan and G. Marvin Litz. Los Angeles, U.S. Soil Conservation Service, Research, June 1953. 52 l. maps (one fold.) (Under the supervision of Harry F. Blaney)

-- ---. Progress report. April 1952. 58, 36 l. fold.plates, maps (some fold.)

-- ---. Another issue. June 1953. Includes well readings,

Physical Description: [62] l.

198. Water spreading investigations, Orestimba Soil Conservation District, by Dean C. Muckel. [n.p.] U.S. Department of Agriculture, August 1953. 23, [39] l. maps. (Under the direction of Harry F. Blaney - p.1)

199. Salvage of evapo-transpiration losses by native vegetation in southern California. (Prepared for Phreatophyte Subcommittee meeting of Pacific Southwest Federal Inter-Agency Technical Committee at El Centro, California, December 1, 1953) (Appendix P-A, attachment no. 16, Minutes of the 54-1 meeting, PSFIATC) (G301/W-1)

201. Progress report on irrigation practices and mosquito production 1954, by Sterling Davis and Richard C. Husbands. Merced and Fresno, California, U.S. Agricultural Research Service; California Department of Public Health; and California Mosquito Control Association, Inc., [1954.] 55 l. illus. (Harry F. Blaney: State Research Supervisor)

202. Discussion of Humid area soils and moisture factors for irrigation design (by Fred H. Larson). (In Proceedings, American Society of Civil Engineers, v.80, Separate no. 522, October 1954, pp. 522-27 to 522-30) (Larson's paper is Proceedings Separate no.426, March 1954)

203. Evapo-transpiration measurements in western United States. 13 l. (Paper to be presented at the Tenth General Assembly of the International Union of Geodesy and Geophysics, Rome, Italy, September 1954)

-- ---. Typescript.

Physical Description: 15 l.

-- ---. Another copy: Publication no.38 de l'Association Internationale d'Hydrologie (Assemblée générale de Rome, tome III). Extrait, pp. 150-160.

204. Consumptive use of ground water by phreatophytes and hydrophytes. (Paper presented at the Tenth General Assembly of the International Union of Geodesy and Geophysics, Rome, Italy, September 1954) (Publication no.37 de l'Association Internationale d'Hydrologie (Assemblée générale de Rome, tome II). Extrait, pp. 53-62)

-- ---. Another copy. (Mimeograph)

Physical Description: 11 l.

-- ---. Draft copy.

Physical Description: 15 l.

- 
- Box 22
205. Consumptive use of water in the Santa Margarita River Basin, California, [by Harry F. Blaney and G.L. Corey.] Los Angeles, 1954. 55 p. fold.maps (col.) (G400/XW7/no.57) (Appendix C of Santa Margarita River investigation, Bulletin no.57 of the California Department of Public Works, Division of Water Resources)
- ---. Irrigation and consumptive use of water investigations in the Santa Margarita River Basin, Riverside and San Diego Counties, California (provisional), by William W. Donnan and G. Marvin Litz. Los Angeles, U.S. Agricultural Research Service, April 1954. 57 l. fold.maps. (Under the supervision of Harry F. Blaney) (Condensed to form Appendix C, Santa Margarita River investigation)
206. Drainage investigation in Imperial Valley, Calif., 1941-51 (a 10-year summary), William W. Donnan, George B. Bradshaw and Harry F. Blaney. Washington, D.C., U.S. Soil Conservation Service, September 1954. 71 p. illus., maps (one fold.) (G454/H4)
207. Consumptive-use requirements for water: use of evapotranspiration data in determining the available water supply in drainage basins. (Reprinted from Agricultural Engineering, v.35, no.12, December 1954, pp. 870-873, 880)
208. Water spreading for storage underground with emphasis on soil permeability and size of areas (provisional), by Leonard Schiff. 33 l. (Harry F. Blaney: State Research Supervisor) (Prepared for... American Society of Agricultural Engineers, Pacific Coast meeting, January 23, 1954, Stockton, Calif.)
209. Use of evapo-transpiration data in determining available water supply in drainage basins. 18 l. (Paper presented at the Annual Meeting, ASAE, Minneapolis, Minn., June 21, 1954)
- ---. Provisional edition. 19 l. (Preliminary draft to paper...)
210. Water quality and soil salinity-alkalinity at selected sites in the Firebaugh Soil Conservation District (provisional), by Eldred S. Bliss and Curtis E. Johnson. Bakersfield, Calif., U.S. Agricultural Research Service, May 1954. 26 l. (Under the supervision of Harry F. Blaney)
211. Statement of consumptive use and irrigation requirement studies conducted by Harry F. Blaney, May 1917 to August 1950, [compiled by Harry F. Blaney? - n.p., 1955?] 10 l. fold.map. Updated to include 1951-1955.
212. Evaporation from and stabilization of Salton Sea water surface. (Reprinted from Transactions, American Geophysical Union, v.36, no.4, August 1955, pp. 633-640)
- ---. Another issue. 1954. 16 l. map, photo. (Paper presented at the Pacific Southwest annual meeting of the American Geophysical Union at the University of Southern California, Los Angeles, Calif., January 29, 1954)
- ---. Estimates of evaporation from Salton Sea, California (provisional). Los Angeles, June 1953. 7 l. (Later incorporated into the above reports)
- ---. Salton Sea paper. (One folder of miscellaneous materials related to the Salton Sea. Includes a draft of Blaney's paper, December 1953)
213. Evaporation from water surfaces in California, by Harry F. Blaney and Gilbert L. Corey. [n.p.] Calif. Department of Public Works, Division of Water Resources, October 1955..98 l. (Its Bulletin no.54-B) (G400/XW7/no.54-B) Chiefly tables. (Updates item no.140 of this list)
214. Monthly evapo-transpiration by irrigated crops and native vegetation (provisional). 14 l. photo. (Paper prepared for talk at Annual Meeting of Soil Science Society of America, Davis, California, August 15 to 18, 1955)
215. Evaporation and evapotranspiration investigations in the San Francisco Bay area, by Harry F. Blaney and Dean C. Muckel. (Reprinted from Transactions, American Geophysical Union, v.36, no.5, October 1955, pp. 813-820)
-

---

-- ---. Another copy. February 1955. 17 l. map. (Paper presented at the Annual Pacific Southwest Regional Meeting of the American Geophysical Union at the University of California, Berkeley, February 4, 1955)

216. Rates of evaporation and consumptive use in the San Francisco Bay and adjacent areas (provisional), by Dean C. Muckel and Harry F. Blaney. [n.p.] U.S. Agricultural Research Service, January 1955. 53 l. illus., fold.map. (G420/H5-1)

217. Second progress report, lower San Joaquin Valley irrigation investigations, the Red Top Soil Conservation District, California, 1954 (provisional), by Sterling Davis. Berkeley, Calif., U.S. Agricultural Research Service, February 1955. 41 l. map. (G436/Z/2nd) (Harry F. Blaney: State Research Supervisor - p.[i])

-- ---. Progress report... 1953. December 1953. 90 l. illus. (G436/Z/1st)

218. Irrigation and water supply investigations, Upper Santa Clara Soil Conservation District, Los Angeles County, California (provisional), by Gilbert L. Corey, G. Marvin Litz, William W. Donnan and Harry F. Blaney, Los Angeles, U.S. Agricultural Research Service, May 1955. 33 l. maps.

Box 23

219. Water and our crops; climate as an index of irrigation needs. (Reprinted from Yearbook of Agriculture, 1955, pp.341-345) (Yearbook separate no.2608)

220. Report on the Tenth Assembly of the International Union of Geodesy and Geophysics in Rome, Italy. 3 l. (Prepared for American Geophysical Union meeting at Berkeley, February 4, 1955)

221. The role of evapotranspiration in irrigation and water supply studies, by Harry F. Blaney. 5 l. (Prepared for the panel discussion on How do evaporation and transpiration enter into...; to be presented at the winter meeting of the American Society of Agricultural Engineers in Chicago, December 12, 1955, by William W. Donnan)

222. Activities of the Western Soil and Water Management Section, Agricultural Research Service, U.S. Department of Agriculture (provisional). 5 l. (To be presented at the twelfth annual meeting of the Colorado River Water Users' Association, November 30 and December 1, 1955, Las Vegas, Nevada)

223. 1954 annual research reports, California Irrigation and Drainage staff, Western Soil and Water Management Section, [U.S. Agricultural Research Service.] Los Angeles, The Service, February 1955. 403 l. (Harry F. Blaney: State Research Supervisor) Chiefly tables. Imperfect copy: p. 1-9 wanting.

224. Progress report on drainage investigations in the San Luis Soil Conservation District, Merced County, California, by Richard Wylie and Leonard Schiff. [n.p.] July 1955. 22 l. maps (one col.) Appendices: [34] l. fold.maps. (Leonard Schiff under the direction of Harry F. Blaney)

225. Second progress report on irrigation practices and mosquito production - 1955, by Norman A. MacGillivray and Richard C. Husbands. Merced, Fresno, Calif., March 1956. 93 l. illus. (Harry F. Blaney: State Research Supervisor) (A cooperative study by the U.S. Agricultural Research Service; Calif. Department of Public Health, Bureau of Vector Control; and California Mosquito Control Association, Inc.)

226. Evaporation from free water surfaces at high altitudes. (Paper 1104 of the Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.82, No. IR 3, November 1956, 15 p.)

-- ---. Closure. (Paper 1521, Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.84, IR 1, January 1958, 8 p.)

-- ---. Another copy. (Reprinted from Transactions, American Society of Civil Engineers, v.123 (1958), pp. 385-404)

-- ---. Provisional edition. 1955. 10 l. (Prepared for regional meeting of the Irrigation and Drainage Division, A.S.C.E. at Denver, Colorado, September 8-9, 1955)

227. Estimated water consumption by vegetation in the Wet Beaver Creek, Arizona. Los Angeles, [U.S. Agricultural Research Service] February 1956. 5 l. At head of title: (Tentative) [sic] (Report to Robert V. Boyle... Soil Conservation Service, Phoenix, Arizona)

228. Research on evaporation and evapotranspiration in the United States, by Ray K. Linsley, Harry F. Blaney, G. Earl Harbeck and Max A. Kohler. (Extrait de la Publication no.40 de l'Association Internationale d'Hydrologie (de l'U.G.G.F.), Symposia Darcy, Dijon [France] 1956, pp. 18-20)

229. Evaporation and evapotranspiration studies, United States Department of Agriculture, in the Pacific Southwest. (Extrait de la Publication no.40 de l'Association Internationale d'Hydrologie (de l'U.G.G.F.), Symposia Darcy, Dijon [France] 1956, pp. 21-25)

230. Range clearing and reseeding as they affect water supplies and reservoirs. (In Proceedings of the Third National Watershed Congress, Lincoln, Nebraska, September 18-20, 1956, pp. 66-73) (71.3/W/1956)

-- ---. Another issue: Tentative notes for panel discussion; range clearing and reseeding as they affect irrigation water supplies. 10 l. illus. Provisional.

231. Evaporation and evapo-transpiration investigations in the Pacific Southwest. 14 l. (Informal talk before the local Hydraulic Division of the Los Angeles Section of American Society of Civil Engineers, 1956)

232. Discussion of Estimating evaporation (by H.L. Penman). (In Transactions, American Geophysical Union, v.37, no.1, February 1956, pp. 46-48) (Penman's paper: Transactions, American Geophysical Union, v.37, no.1, February 1956, pp. 43-46)

-- ---. Draft copy of discussion and article.

Physical Description: 5, 9 l.

233. Testimony of Harry F. Blaney; proposed questions and answers (July 16, 1956) [for Arizona-California lawsuit re Colorado River?]

Physical Description: [26] l.

234. Irrigation practices in the West. [1956?] [76] l. illus. [To become Chapter VIII of a proposed book for high schools on irrigation, by various authors. Never published.]

-- ---. Another copy. Includes photos and manuscript additions.

Box 24

235. Third progress report on lower San Joaquin Valley irrigation investigations in the Red Top and Los Banos Soil Conservation Districts - 1955, by Norman A. MacGillivray. Berkeley, Calif., U.S. Agricultural Research Service, March 1956. 53 p. illus., maps. (G436/Z/3rd) (Harry F. Blaney: State supervisor)

236. Irrigation water requirements for West Pakistan, [by Harry F. Blaney and Wayne D. Criddle. n.p.] March 1957. 28 l. Draft copy. [For Tipton and Kalmbach, Inc.]

237. Relationship of pan evaporation to evapotranspiration by phreatophytes and hydrophytes. (In Symposium on phreatophytes, by the Phreatophyte Subcommittee of Pacific Southwest Inter-Agency Committee: Reports presented at Pacific Southwest Regional Meeting, American Geophysical Union, Sacramento, Calif., February 14, 15, 1957, pp. 26-31) (91.3/H7-1)

-- ---. Reprint.

Physical Description: 6 l.

-- ---. Another mimeograph issue. 6 l. Abstract at head of paper.

238. Evaporation study at Silver Lake in the Mojave Desert, California. (In Transactions, American Geophysical Union, v.38, no.2, April 1957, pp. 209-215)

-- ---. Provisional issue. 13 l. photo. (Presented at the annual meeting of the Hydrology Section, American Geophysical Union, April 30, 1956, Washington, D.C.)

239. Irrigation in the Far West, by Harry F. Blaney and Martin R. Huberty. (Reprinted from Agricultural Engineering, v.38, no.6, June 1957, pp. 414-417, 421)

-- ---. Irrigation in the Far West, with special attention to the development during the twentieth century. [n.p., 1957?]

Physical Description: 13 l.

240. Monthly consumptive use of water by irrigated crops and natural vegetation. (Extrait des Comptes Rendus et Rapports--Assemblée Générale de Toronto 1957 (Gentbrugge 1958) Tome II, pp. 412-422)

-- ---. Another issue. 16 l. (Presented at the eleventh General Assembly of International Union of Geodesy and Geophysics, Toronto, Canada, September 1957)

241. Inventory of water supply. 6 l. (Prepared for presentation at joint Agricultural Research Service--Soil Conservation Service Irrigation-Drainage Conference, Colorado Springs, Colorado, January 14-17, 1957) (Paper No.1-A)

243. Review of evaporation studies at Lake Mead (provisional). Los Angeles, August 1957. 15 l. A review of Water-loss investigations: Lake Mead studies (by G. Earl Harbeck, Jr. [et al]). (Harbeck's article is U.S. Geological Survey Professional paper no.298) (G200/Y-10/no.298)

244. Discussion of Methods of computing consumptive use of water (by Wayne D. Criddle). 6 l. (Unpublished) (Criddle's article is Proc. paper 1507 in Journal of Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.84, no.1R1, January 1958, pp. 1505-1 to 1507-27)

245. [Testimony, proposed Colorado River lawsuit, 1958]

Physical Description: [60] l.

246. The phreatophyte problem, by T.W. Robinson and Harry F. Blaney. [July 1958] 14 l. (Answers to ten questions suggested by the Phreatophyte Work Group in its report to the Western Soil and Water Research Committee at their annual meeting at Tucson, Ariz., December 1957)

247. Evaporation and consumptive use studies (provisional). [Davis, Calif.(?), 1958]

Physical Description: [13] l.

248. Brief report on XI General Assembly, International Union of Geodesy and Geophysics, Toronto, Canada, September 1957. 5 l. (Presented at Annual Pacific Southwest Regional Meeting, American Geophysical Union, February 6, 1958, at the California Institute of Technology, Pasadena, California)

249. Water conservation research studies in the lower Colorado River Basin. 4 l. (Informal talk before the Colorado River Water Forecast Committee meeting April 11, 1958, Los Angeles)

-- ---. Provisional edition, Notes on water conservation research...

Physical Description: [5] l.

251. Consumptive water requirements of vegetative cover in river basins (provisional). 7 l. (Paper to be presented at the annual meeting of the American Geophysical Union, Washington, D.C., May 5, 1958) (A contribution from the Western Soil and Water Management Research Branch, Soil and Water Conservation Research Division, U.S. Agricultural Research Service)

252. Consumptive use of ground water by phreatophytes and hydrophytes. (In Proceedings of the 3rd annual New Mexico Water Conference, New Mexico State University of Agriculture, Engineering, and Science, November 6-7, 1958, pp. 98-110) (G382/X/1958)

-- ---. Provisional edition.

Physical Description: 12 l.

Box 25

253. Tour of Soviet irrigation engineers in the United States. [1958] 4 l. (News item for Irrigation and Drainage Journal, ASCE, [by Harry F. Blaney, tour leader])

253a. Discussion of Irrigation in the humid areas (by E.A. Kimbrough, Jr.) (In paper 1615, Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.84, no.1R2, April 1958, pp. 1615-5 to 1615-7) (Kimbrough's article is proc. paper 1352, Journal of the Irrigation and Drainage Division..., v.83, September 1957)

254. Report on field tour of Soviet hydro-irrigation engineering delegation, August 16 - September 6, 1958 (provisional). [n.p.] October 1958.

Physical Description: 17 l.

255. [Consumptive use - Salt River Project, Arizona. n.p., 1958?] [12] l. (Memorandum from Harry F. Blaney to D.E. Cole)

256. Evaporation from water surfaces in California, by Harry F. Blaney and Dean C. Muckel. [n.p.] Calif. Department of Water Resources, Division of Resources Planning, October 1959. 81 l. fold.map. (Its Bulletin no.73) (G400/XW7/no.73) Includes records from 1881 to 1958, revising the text and updating the data of Bulletin no.54. Appendix A never published.

-- ---. [Bulletin no.73A: Evaporation from water surfaces in California by Harry F. Blaney and Dean C. Muckel. n.p., 1958.] 6 pieces. illus. Revises and updates Bulletin no.54-B. Unpublished manuscript.

-- ---Appendixes A-E.

Physical Description: 5v.

257. Monthly consumptive use requirements for irrigated crops. (Paper no.1963 in Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.85, no.1R1, March 1959, 12 p.)

-- ---. Another edition. 13 l. (Presented at a session of the Irrigation and Drainage Division of the ASCE convention, June 23, 1958, Portland, Oregon.

-- ---. Discussion, by N.A. Halkias. (In paper 2179 of Journal of the Irrigation and Drainage Division..., v.85, no.1R3, September 1959, pp. 109-111)

-- ---. Discussions, by Wayne D. Criddle and R. Keith Higginson, by Constantine P. Christopoulos, by Wendell C. Munson, and by G. Marvin Litz. (In paper 2327 of Journal of the Irrigation and Drainage Division..., v.85, no.1R4, December 1959, pp. 73-81)

-- ---. Draft of the discussion by Criddle and Higginson. August 1959.

Physical Description: 2 l.

-- ---. Draft of the discussion by Christopoulos. July 1959.

Physical Description: 4 l.

-- ---. Closure, by Harry F. Blaney. (In paper 2536 of the Journal of the Irrigation and Drainage Division..., v.86, no.IR2, June 1960, pp. 55-58)

-- ---. Typescript draft of closure.

Physical Description: 7 l.

-- ---. Manuscript draft of closure.

Physical Description: [8] l.

-- ---. One folder of materials relating to closure.

258. Progress report on water-consuming areas along Santa Ynez River channel, Santa Barbara County, California (provisional), by Harry F. Blaney, Paul R. Nixon, Ernest J. Wiedmann and Fred Libby. Los Angeles, October 1959. 23 l. map, photos (some col.)

259. Evaluation of irrigation systems [in Israel. Tel-Aviv, Israel, June 1959.]

Physical Description: 10 l.

260. Irrigation research and water utilization in Israel; report to the government of Israel. Tel-Aviv, Israel, U.S. Operations Mission to Israel, July 1959. 88 p. fold.map in pocket. (G822/H9-2) On cover: Technical assistance program; USOM Agricultural report. Appendices: 49 p.

-- ---. Draft copy. May 1959.

261. Evapotranspiration by irrigated crops and natural vegetation. 14 l. (Lecture given at meeting of Irrigation Research Staff at Agricultural Experiment Station, Rehovot, Israel, March 20, 1959) (Also printed as Appendix B of Irrigation research and water utilization in Israel, item 260 in this list)

262. Monthly coefficients for consumptive use of water formula and use of water by phreatophytes. 13 l. (Lecture given before Meteorological Service meeting May 6, 1959, Tel Aviv, Israel) (Also printed as Appendix C of Irrigation research and water utilization in Israel, item 260 in this list)

263. Answers to questions asked about the Blaney-Criddle consumptive use formula. Ankara, Turkey, February 1959. 3 l. On cover: Meeting at Ankara... for determining consumptive use for 300,000 acres irrigation project in Turkey.

Box 26

264. [Annual research reports, 1957-1960.] 11 v. (Prepared by Harry F. Blaney for the U.S. Agricultural Research Service, Soil and Water Conservation Research Division, Western Soil and Water Management Branch)

Box 27

265. Discussion of The determination of soil moisture under a permanent grass cover (by G.W. Smith). (In Journal of Geophysical Research, v.65, no.2, February 1960, p. 783) (Smith's paper is in Journal of Geophysical Research, v.64, no.4, April 1959, pp. 477-483)

266. Determining irrigation requirements from consumptive use water rates. 1960. (Reprinted from Transactions, 5th International Congress of Agricultural Engineering, Brussels, Belgium, September 29-October 4, 1958, v.1, pp. 292-304. Published 1960)

-- ---. Another copy. (Mimeograph)

Physical Description: 14 l.

267. Evaporation from water surfaces in mountain areas of western United States. (In Bulletin no.17 of the International Association of Scientific Hydrology, March 1960, pp. 27-37) (Published on behalf of the Association by Ceuterick, Louvain, Belgium)

-- ---. Reprint.

269. Procedures for estimating average consumptive use and deep percolation on various land use classes, by the California State Water Rights Board. (Appendix P of the Board's San Fernando Valley reference: provisional report, 1960, pp. P-1 to P-52) (L190/J) [Harry F. Blaney: Advisor and representative for the U.S. Department of Agriculture]

270. Use of water by irrigated crops in San Fernando Valley, Los Angeles County, California, 1927-29. Los Angeles, U.S. Agricultural Research Service, September 1960. 51 l. illus. Chiefly tables. (Based on cooperative studies between the U.S. Department of Agriculture and the Los Angeles (City) Bureau of Water Works and Supply)

271. Monthly evapotranspiration in the Pacific Southwest. [12] l. (Presented at the [U.S. Agricultural Research Service] Western Soil and Water Management Research Branch Conference, March 14-17, 1960, at Fort Collins, Colorado)

272. Contribution of rainfall of the valley [floor] to ground water. 9 l. (To be presented at Research Staff Conference, Western Soil and Water Management Branch, [U.S. Agricultural Research Service] Ft. Collins, Colorado, March 14-17, 1960)

273. Monthly consumptive use by irrigated crops.

[Text illegible in paper copy] 5 l. [Abstract only?] (Paper presented at the Water Management Conference for Irrigation, January 19-20, 1960, Boise, Idaho)

274. Consumptive use and water waste by phreatophytes. (In Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, paper 2929, v.87, no.1R3, September 1961, pp. 37-46)

-- ---. Provisional edition. 12 l. (Paper prepared for Irrigation and Drainage Division Session of the ASCE Convention, April 10, 1961, Phoenix, Arizona)

-- ---. Summary of the provisional edition.

Physical Description: 3 l.

-- ---. Closure. (In paper 3377 of Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.88, no.1R4, December 1962, p. 49)

275. Future needs; research; consumptive use and salvage. (Attachment IX of the Minutes of the 61-4 meeting, Pacific Southwest Inter-Agency Committee, Las Vegas, Nevada, November 29, 1961, pp. 50-51) (G301/W-1/pp.50-51)

-- ---. Another copy. (Typescript carbon)

Physical Description: 3 l.

-- ---. [Notes for presentation of the paper]

Physical Description: [5 index cards]

276. Water consumption and salvage of water losses in phreatophyte areas. (Attachment V of the Minutes of the 61-4 meeting, Pacific Southwest Inter-Agency Committee, Las Vegas, Nevada, November 29, 1961, pp. 32-36) (G301/W-1/pp.32-36)

-- ---. Another copy, reprinted by Water Resources Center, University of California, Los Angeles.

-- ---. Draft copy.

Physical Description: 5 l.

-- ---. [Notes for presentation of the paper]

Physical Description: [9 index cards]

277. Annual research report 1961, with appendix. Los Angeles, U.S. Agricultural Research Service, [1961?] 9 l. [Appendices: Several 1961 reports by Harry F. Blaney, listed separately here]

278. Research needs on the problem of saltcedar and other phreatophytes, by the U.S. Department of Agriculture. [Washington, D.C.] January 1961. 31 l. illus. Cover title. [Harry F. Blaney one of five members of the Department's working group on the phreatophyte problem]

-- ---. Draft copy. October 1960. 53 l. Includes Authorization and procedure for conducting study of research needs....

279. Discussion of Method for estimating consumptive use of water for agriculture (by Wendell C. Munson). (In paper 2949 of Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.87, no.1R3, September 1961, pp. 80-81) (Munson's article is proc. paper 2672, Journal of the Irrigation and Drainage Division..., v.86, December 1960)

280. Discussion of Los Angeles water supply and irrigation (by Samuel B. Morris). (In paper 2949 of Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.87, no.1R3, September 1961, pp. 77-78) (Morris's article is Proc. paper 2671, Journal of the Irrigation and Drainage Division..., v.86, December 1960)

281. Determining consumptive use and irrigation water requirements, by Harry F. Blaney and Wayne D. Criddle. [n.p.] U.S. Agricultural Research Service, [1962] 59 p. illus. (Technical bulletin no. 1275) (91.4/J2) (In cooperation with the Office of Utah State Engineer)

-- ---. Provisional edition. [n.p.] 1961. 93 l. illus. (A revision of the bulletin Determining water requirements... [item 168 in this list; see also item 291])

Box 28

282. Discussion of Evaporation from Pyramid and Winnemucca Lakes, Nevada (by S.T. Harding). (In paper 3286, Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.88, no.1R3, September 1962, pp. 49-51) (Harding's article is proc. paper 3083, Journal of the Irrigation and Drainage Division, v.88, March 1962)

283. Consumptive use and irrigation water requirements of crops in the Cliff-Gila, McCauley and Redrock areas of the upper Gila Valleys, Grant County, New Mexico. Los Angeles, December 1962. 14 l. Provisional.

284. Discussion of Effects of irrigation methods and system management on water application efficiency (by Claude H. Pair). 4 l. (Pair's paper given at U.S. National Committee, International Commission on Irrigation and Drainage Conference, Omaha, Nebraska, May 1962)

285. Evaporation at high elevations in California, by Leonard L. Longacre and Harry F. Blaney. (Paper 3172, Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.88, no.1R2, June 1962, pp. 33-54)

-- ---. Another copy. (Paper 3513, Transactions, American Society of Civil Engineers, v.128 (1963), part III, pp. 444-469) Includes discussions and closure.

-- ---. Another copy, Evaporation at high elevations, San Joaquin River Basin, California. [40] l. illus., map. (Prepared for ASCE Convention, Phoenix, Ariz., April 13, 1961)

-- ---. Another copy, Report on evaporation studies at high elevations in San Joaquin River Basin, California. [40] l. illus., map. (For 1961 annual report)

286. Discussion of Tolerance of plants to salinity (by Leon Bernstein). (In paper 3170, Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.88, no.1R2, June 1962, pp. 107-108) (Bernstein's article is proc. paper 3005, Journal of the Irrigation and Drainage Division..., v.87, December 1961)

287. Utilization of water and irrigation in Israel. (Paper 3178, Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.88, no.1R2, June 1962, pp. 55-65)

-- ---. Provisional issue, Irrigation research and utilization of water in Israel. 14 l. maps. (G822/J1) (Paper to be presented at the Pacific Southwest Regional Meeting of the American Geophysical Union, January 26, 1961, Berkeley, Calif.)

-- ---. Draft copy of provisional issue. 15 l. maps.

-- ---. Closure. (In paper 3554, Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.89, no.1R2, June 1963, pp. 79-80)

289. Discussion of Estimating potential evapotranspiration (by W. Russell Hamon). (In paper 3044, Journal of the Hydraulics Division, Proceedings of the American Society of Civil Engineers, v.88, no.HY1, January 1962, pp. 93-96) (Hamon's article is proc. paper 2817, Journal of the Hydraulics Division..., v.87, May 1961)

290. Discussion of Evapotranspiration--climate comparisons in coastal fogbelt, coastal valley, and interior valley locations in California (by Paul R. Nixon, Norman A. MacGillivray and G. Paul Lawless). 3 l. (Original paper appears in publication no.62 of the International Association of Scientific Hydrology, Proceedings of the General Assembly of Berkeley, August 19-31, 1963, pp. 221-231) (11.7/Z/no.62)

-- ---. Abstract of Blaney's discussion.

Physical Description: 1 l.

291. Determining consumptive use and irrigation water requirements (from climatological and irrigation data), by Harry F. Blaney and Wayne D. Criddle. (In Irrigation Engineering and Maintenance, v.13, no.3, April 1963, pp. 19-20, 26) (A summary of Determining consumptive use and irrigation water requirements, by Blaney and Criddle, Technical bulletin no. 1275, U.S. Agricultural Research Service, 1962, item 281 in this list)

-- ---. Draft copy.

Physical Description: [7] l.

292. Utilization of the waters of the Santa Ynez River Basin for agriculture in southern Santa Barbara County, California, by Harry F. Blaney, Paul R. Nixon, G. Paul Lawless and Ernest J. Wiedmann. [n.p.] U.S. Agricultural Research Service, October 1963. 53 l. maps. (G4831/J3)

293. Discussion of Unique consumptive use curve related to irrigation practice (by Vaughn E. Hansen). (In paper 3746, Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.89, no.IR4, December 1963, pp. 49-51) (Hansen's article is proc. paper 3449, Journal of the Irrigation and Drainage Division..., v.89, no.IR1, March 1963, pp. 43-50)

294. Discussion of Separation of evapotranspiration and deep percolation (by Lyman S. Willardson and Wendell L. Pope). (In paper 3848, Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.90, no.IR1, March 1964, pp. 139-141) (Original article is proc. paper 3638, Journal of the Irrigation and Drainage Division..., v.89, September 1963)

295. Activities of committee on consumptive use of water, 1963-64, American Society of Civil Engineers, Irrigation and Drainage Division, [by Harry F. Blaney. October 1964]

Physical Description: 5 l.

296. Determining water requirements for settling water disputes, by Harry F. Blaney and Wayne D. Criddle. (Reprinted from Natural Resources Journal, v.4, no.1, May 1964, pp. 29-41)

-- ---. Draft, Determining water requirements for solving water problems between users.

Physical Description: 25 l.

297. Discussion of Irrigation water requirements in Texas (by Charles B. Thompson). (In paper 4349, Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.91, no.IR2, June 1965, pp. 79-80) (Thompson's article is proc. paper 4040, Journal of the Irrigation and Drainage Division..., v.90, September 1964)

298. Discussion of Effective rainfall and irrigation water (by David M. Hershfield). (In paper 4242, Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.91, no.IR1, March 1965, pp. 216-218) (Hershfield's article is proc. paper 3920, Journal of the Irrigation and Drainage Division..., v.90, June 1964)

299. Consumptive use and water requirements in New Mexico, by Harry F. Blaney and Eldon G. Hanson. Santa Fe, New Mexico State Engineer, 1965. 82 p. illus., fold. plates, maps. (Its Technical report 32) (G384/J5-2)

300. Salinity problems and management in river systems, by Arthur F. Pillsbury and Harry F. Blaney. (Paper 4733, Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.92, no.IR1, March 1966, pp. 77-90) Attachment: Discussions by Ronald C. Reeve and others, in Journal of the Irrigation and Drainage Division..., v.92, no.IR4, December 1966, pp. 92-98)

-- ---. Closure, by Pillsbury and Blaney. (In proc. paper 5409, Journal of the Irrigation and Drainage Division..., v.93, no.IR3, September 1967, pp. 261-265)

-- ---. Another copy of the closure.

Physical Description: 9 l.

301. Determining consumptive use for planning water developments, by Harry F. Blaney and Wayne D. Criddle. [35] l. (91.4/J6) Cover title: Determining consumptive use for water planning developments. (Preprint of paper presented at Symposium on Methods of Estimating Evapotranspiration at Irrigation and Drainage Specialty Conference, American Society of Civil Engineers, Las Vegas, Nevada, November 3, 1966)

302. Report on water situation in central Arizona Interstate Stream Commission. Los Angeles, February 1966.

Physical Description: [24] l.

303. Discussion of Phreatophytes--water use and potential water savings (by Dean C. Muckel). (In proc. paper 5251, Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.93, no.IR2, June 1967, pp. 85-88) (Muckel's articles is proc. paper 5033, Journal of the Irrigation and Drainage Division..., v.92, December 1966)

304. Discussion of Evaluating irrigation efficiency (by Marvin E. Jensen). (In proc. paper 5621, Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.93, no.IR4, December 1967, pp. 150-153) (Jensen's article is proc. paper 5145, Journal of the Irrigation and Drainage Division..., v.93, March 1967)

305. Discussion of Predicting return flows from irrigation (by Patrick A. Hurley), by William Yeh and Harry F. Blaney. (In proc. paper 6428, Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.95, no.IR1, March 1969, pp. 237-238) (Hurley's article is proc. paper 5838, Journal of the Irrigation and Drainage Division..., v.94, March 1968)

306. Discussion of Consumptive use derived from evaporation pan data (by George H. Hargreaves), by William Yeh and Harry F. Blaney. (In proc. paper 6428, Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.95, no.IR1, March 1969, pp. 246-247) (Hargreaves' article is proc. paper 5863, Journal of the Irrigation and Drainage Division..., v.94, March 1968)

307. Discussion of Pan evaporation and evapotranspiration from climatic data (by Jerald E. Christiansen), by Harry F. Blaney and William Yeh. (In proc. paper 6428, Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.95, no.IR1, March 1969, pp. 251-252) (Christiansen's article is proc. paper 5988, Journal of the Irrigation and Drainage Division, v.94, June 1968)

-- ---. Draft copy. 6 l. Attachment: Draft of Christiansen's closure, [10] l.

308. Discussion of Water consumption in the lower Colorado River Valley (by Omar J. Loeltz and Charles C. McDonald), by Harry F. Blaney and William Yeh. (In proc. paper 6930, Journal of the Irrigation and Drainage Division, Proceedings of the American Society of Civil Engineers, v.95, no.IR4, December 1969, pp. 643-646) (The original article is proc. paper 6457, Journal of the Irrigation and Drainage Division..., v.95, March 1969)

-- ---. Draft copy. [3] l.

309. Harry F. Blaney: Water conservation engineer. 1969. 144 l. illus., maps (one col.), photo. (Completed under the auspices of the Oral History Program, University of California, Los Angeles) Interviewer: Donald J. Schippers. Bibliography: pp. 112-137. (G4072/J9-5)

-- ---. Revised addendum to oral history of California water resources development. Los Angeles, University of California, Water Resources Center, 1970.

Physical Description: 21 l.

310. Brief news items by Harry F. Blaney printed in Conservation magazine (a monthly publication) of Agricultural Department of Los Angeles Chamber of Commerce, 1932-1943. One folder. Includes the following titles: Consumptive use of water by native plants growing in moist areas, 1 l. Irrigation investigations, 2 l. Cost of water irrigation [i.e. irrigation water] in California, 3 l. Cost of water to irrigators in California, 3 l. Farm systems of irrigation, 7 l. Is irrigation a scientific practice?, 3 l. Farmers can help to replenish underground reservoirs, 2 l. Factors included in determining cost of water to irrigators in California, 8 l. Economy in the use of irrigation water, 2 l. Evaporation from free water services [i.e. surfaces?], 1 l. Some early water supplies in the Pomona Valley, 5 l. Some factors affecting duty of water, 4 l. Noneconomic consumption of water, 1 l. Storage of rainfall in underground reservoirs, 2 l. Report on rainfall penetration, 1 l. Underground storage of water, 1 l.

Box 29

311. Consumptive use of water reports. [n.p., n.d.] [98] l. in various pagings. (A compilation of reports by Harry F. Blaney dealing with consumptive use of water. All reports in this volume are entered separately in this list)

313. Method of estimating water requirements, [by Harry F. Blaney? n.p., n.d.] [9] l.

314. Preliminary annual unit values of consumptive use of water on irrigated crops in San Fernando Valley, [by Harry F. Blaney et al. n.p., n.d.]

Physical Description: 8 l.

315. Methods of determining water use, [by Harry F. Blaney? n.p., n.d.] 13 l. At head of title: Draft.

316. Sprinkling irrigation in the United States, by S.H. McCrory, Harry F. Blaney, and F.E. Staebner. [n.p., n.d.]

Physical Description: 10 l.

## CALIFORNIA

### Note

REPORTS PREPARED ON IRRIGATION OF GUAYULE IN ARIZONA, CALIFORNIA, NEW MEXICO, AND TEXAS under the supervision of HARRY F. BLANEY, HEAD, IRRIGATION SECTION EMERGENCY RUBBER PROJECT (World War II) of U.S. FOREST SERVICE

318a. A survey of Possible Production Areas in the U.S. vs. Dept. of Agriculture. 1945. 259 p.

321. Water supply of Salinas Valley, California, Paul A. Ewing, Irrigation Economist, A.T. Mitchelson, Senior Irrigation Engineer, Carl Rohwer, Irrigation Engineer. January 1943.

Physical Description: 36 p.

324. Water supply of Tracy-Norman area, California, Paul A. Ewing, Irrigation Economist. March 1943.

Physical Description: 13 p.

325. Water supply of the Los Banos area, California, Paul A. Ewing, Irrigation Economist. October 1942.

Physical Description: 31 p.

326. Water supply of Mendota area, California, Carl Rohwer, Irrigation Engineer, Harry F. Blaney, Senior Irrigation Engineer. February 1943.

Physical Description: 22 p.

327. Water supply of Coalinga area, California, Carl Rohwer, Irrigation Engineer, Harry F. Blaney, Senior Irrigation Engineer. December 1942, revised February 1943.

Physical Description: 21 p.

328. **Water supply of the Pleasant Valley and Devil's Den areas, California, Carl Rohwer, Irrigation Engineer, Harry F. Blaney, Irrigation Engineer, Paul A. Ewing, Irrigation Economist. December 1942.**

**Physical Description:** 22 p.

329. **Water supply of Tulare County, California, Paul A. Ewing, Irrigation Economist. October 1942.**

**Physical Description:** 24 p.

329a. **Correspondence, notes, charts.**

**Physical Description:** 60 leaves.

333. **Preliminary report on water supply of Visalia-Tulare area, California, Fred C. Scobey, Senior Irrigation Engineer. June 1943.**

**Physical Description:** 9 p.

336. **Water supply of Santa Maria Valley, California, Paul A. Ewing, Irrigation Economist, Wayne D. Criddle, Assistant Hydraulic Engineer, Harry F. Blaney, Irrigation Engineer. December 1942.**

**Physical Description:** 35 p.

338. **Water supply of Lompoc Valley, California, Wayne D. Criddle, Assistant Hydraulic Engineer, Paul A. Ewing, Irrigation Economist, Harry F. Blaney, Irrigation Engineer. December 1942.**

**Physical Description:** 12 p.

340. **Water supply of the Ventura area, Dean C. Muckel, Associate Irrigation Engineer. January 1943.**

**Physical Description:** 17 p.

343. **Water supply and irrigation survey, Orange County, California, Arthur A. Young, Associate Irrigation Engineer. January 1943.**

**Physical Description:** 6 p.

344. **Water supply of Antelope Valley, California, Dean C. Muckel, Associate Irrigation Engineer. May 1943.**

**Physical Description:** 42 p.

347. **Proposed project in the Perris Valley, California, to be irrigated from the Metropolitan Water District aqueduct, Arthur A. Young, Associate Irrigation Engineer. January 1943.**

**Physical Description:** 8 p.

348. **General survey of San Jacinto Basin, Riverside County, California, Arthur A. Young, Irrigation Engineer. April 1943.**

**Physical Description:** 40 p.

349. **Water supply of Coachella Valley, Riverside County, California, Arthur A. Young, Irrigation Engineer. May 1943.**

**Physical Description:** 30 p.

350. **Preliminary report on Borogo Valley water supply, Arthur A. Young, Associate Irrigation Engineer. January 1943.**

**Physical Description:** 4 p.

351. Water supply and irrigation in Imperial Valley, Imperial County, California, Arthur A. Young, Irrigation Engineer. June 1943.

Physical Description: 42 p.

**ARIZONA**

Box 30

355. Water supply and other features of the Roosevelt Irrigation District, Maricopa County, Arizona, H.C. Schwalen, Senior Irrigation Engineer, and J.H. McCormick, Hydraulic Engineer. April 1943.

Physical Description: 10 p.

356. Water supply and other features of the Roosevelt Water Conservation District, Maricopa County, Arizona, H.C. Schwalen, Senior Irrigation Engineer, and J.H. McCormick, Hydraulic Engineer. May 1943.

Physical Description: 14 p.

357. Water supply of the Queen Creek and Magna areas in Maricopa and Pinal counties, Arizona, Harold C. Schwalen, Senior Irrigation Engineer. April 1943.

Physical Description: 6 p.

358. Water supply of the San Carlos Project, Arizona, H.C. Schwalen, Senior Irrigation Engineer, J.H. McCormick, Hydraulic Engineer. May 1943.

Physical Description: 10 p.

359. Water supply of the Casa Grande-Maricopa Pumping District, Pinal County, Arizona, Harold C. Schwalen, Senior Irrigation Engineer. May 1943.

Physical Description: 5 p.

360. Water supply and other features of the Eloy Pumping District, H.C. Schwalen, Senior Irrigation Engineer. May 1943.

Physical Description: 8 p.

361. Water supply and other features of the Cortaro-Marana Pumping District, Pima County, Arizona, H.C. Schwalen, Senior Irrigation Engineer. June 1943.

Physical Description: 7 p.

**NEW MEXICO and TEXAS**

362. Guayule information for west Texas, Dean W. Bloodgood, Associate Irrigation Engineer, and A.H. Dunlap. October 8, 1942.

Physical Description: 53 p.

366. Water supply report of Mesilla and El Paso valleys, upper Rio Grande Basin, New Mexico and Texas, Harry F. Blaney, Senior Irrigation Engineer, and Wayne D. Criddle, Associate Hydraulic Engineer. June 1943.

Physical Description: 11 p.

367. Water supply report of Carlsbad, Fort Stockton and Balmorhea areas, Pecos River Basin, New Mexico and Texas, Harry F. Blaney, Senior Irrigation Engineer, and Wayne D. Criddle, Associate Hydraulic Engineer. June 1943.

Physical Description: 15 p.

367a. Water Supply and other features of the Duncan-Virden & Safford Valleys-Upper Gila River Basin in Hidalgo County, NM- Greelee and Graham Counties, AR. July 1943.

Physical Description: 17 leaves, maps.

**ADDITIONS TO THE TITLE PAGE OR COVER [in brackets] ON THE FOLLOWING REPORTS INDICATE HARRY F. BLANEY'S INVOLVEMENT IN THEIR PREPARATION**

368. Research activities in southern California by the Division of Agricultural Engineering, U.S. Department of Agriculture, by W.W. McLaughlin [and Harry F. Blaney]. (In Bulletin no.32 of the California Department of Public Works, Division of Water Resources: South Coastal Basin, 1930, pp. 42-48) (G400/XW7/no.32)
369. Irrigation investigations, southern California projects, Santa Ana Basin, by Harlowe M. Stafford. November 1930. 23 l. At head of title: Cooperative investigations; semi-annual inspection reports of state representative. [Report based in part on interview with Harry F. Blaney - p.1]
372. Progress report of irrigation data gathered at United State Yuma field station near Bard, California, by Dean W. Bloodgood. U.S. Department of Agriculture, 1934-1944. 6 v. irregular. Data for years 1933-1938. [Under the direction of Harry F. Blaney and others]
373. Transpiration and evaporation losses from areas of native vegetation, by Colin A. Taylor. Pomona, California, U.S. Bureau of Agricultural Engineering, [1934?] 9 l. photos. [Under direction of Harry F. Blaney]
374. Use of soil moisture and fruit growth records for checking irrigation practices in citrus orchards, by C.A. Taylor. [Los Angeles, U.S. Department of Agriculture, 1934?] 28 l. fold.plates, photos. [Under the direction of Harry F. Blaney]
375. Specifications: Memoranda, etc., evaporation pan; miscellaneous, Lake Arrowhead, Baldwin Park, etc., compiled by A.A. Young [and Harry F. Blaney. 1938?] One folder, illus., fold.map, fold.plates. Chiefly data.
376. [A study of irrigation problems in citrus orchards, by C.A. Taylor. 1936] 46 l. illus., photos. [Under supervision of Harry F. Blaney]
377. Irrigation problems in citrus orchards, by C.A. Taylor. [n.p.] U.S. Bureau of Agricultural Engineering, June 1939. 25 l. illus. (G421/F9-1) [Under direction of Harry F. Blaney]  
-- ---. Draft copy. 31 l. illus., fold.plates, photos.
378. Progress report of large area studies; duty of water; estimation of unit consumptive use values of agricultural crops, by Wayne D. Criddle [and Harry F. Blaney. n.p.] September 1940. 61 l. in various pagings, illus. Cover title. At head of title: Pecos River Joint Investigation.
379. Progress report of soil moisture studies in Pecos River Basin, by Lawrence H. Schoenleber. [n.p.] October 1940. 46 l. Imperfect copy. [Under direction of Harry F. Blaney]
380. Consumptive use of water by crops and native vegetation in Beaumont Plains and San Jacinto Basin, by Arthur A. Young. Pomona, Calif., U.S. Soil Conservation Service, May 1940. 41 l. [Under direction of Harry F. Blaney, project supervisor]
381. Preliminary report: evaporation studies at Morris Reservoir, San Gabriel Canyon, Los Angeles County, California, by Arthur A. Young. Pomona, Calif., U.S. Soil Conservation Service, September 1940. 75 l. fold.map. Prepared under the direction of W.W. McLaughlin [and Harry F. Blaney]
382. Upper Gila River Basin report, by Technical Committee, National Resources Planning Board, Water Resources Committee, Sub-Committee on Gila Basin. [n.p.] October 1940. [37] l. in various pagings. Provisional. Excerpted from a larger report. [Harry F. Blaney: Member of Technical Committee]
383. Report of evaporation studies at Silver Lake in the Mojave Desert, California, by Arthur A. Young. Pomona, Calif., U.S. Soil Conservation Service, July 1941. 53 l. photo. Under the direction of... [and Harry F. Blaney]
384. Evaporation from covered reservoirs in which ventilation is limited to small screened openings, by Arthur A. Young. Pomona, Calif., U.S. Department of Agriculture, June 1942. 42 l. illus. (G4215/G2) [Under the supervision of Harry F. Blaney]
386. Evaporation studies at Lake Elsinore, California; a progress report, by Arthur A. Young. Pomona, Calif., U.S. Department of Agriculture, September 1942. 56 p. map. (G47431/G2) Chiefly tables [Under the direction of... and Harry F. Blaney]
387. Imperial Valley drainage investigation, California, by William W. Fox, Vladimir S. Aronovici and William W. Donnan. El Centro, Calif., U.S. Soil Conservation Service, 1944 and 1945. 2 v. (G454/G4) (Preliminary progress reports of cooperative investigations, 1943-44 and 1944-45, by Soil Conservation Service, Imperial Irrigation District, Farm Credit Administration, and University of California) [Under the direction of... and Harry F. Blaney]
388. Evaporation investigations in southern California, by Arthur A. Young. Pomona, Calif., U.S. Department of Agriculture, April 1945. 79, 89 l. illus. (G4215/G5) [Under the direction of... and Harry F. Blaney]

Box 31

389. The irrigation development of Antelope Valley, California; a compilation, by Paul A. Ewing. Berkeley, Calif., U.S. Department of Agriculture, October 1945. 57 l. map. (G4602/G5) [Harry F. Blaney: State project supervisor] (Based on various reports by members of the staff of the Division of Irrigation, Soil Conservation Service)
390. Fourth progress report on lower San Joaquin Valley irrigation investigations in the Los Banos, San Luis, and Orestimba Soil Conservation District - 1956, by Norman A. MacGillivray. Berkeley, Calif., U.S. Department of Agriculture, June 1957. 68 l. maps. [Under the supervision of Harry F. Blaney]