

CHAPTER XI

BIBLIOGRAPHY

1. Poiseuille " Recherches sur le mouvement des liquids dans les tubes detres petits diameters". Acad. sciences Savants estrangers, 1842, Vol. IX P.433.
2. G.C.Stokes " On the Theories of the internal friction of luid in motion and of the equilibrium and motion of Elastic Solids" Trans.of the Camb. Phil.Society, 1845.
3. O.E.Meyer " Uber die innere Riebung der case". Pogg.Annales: 1866, Vol. CXXVII.
4. H.Darcy Recherches Hydrauliques, Paris, 1856.
5. C.Krober z.d. Ver Deutsch, Ingen, 1884.
6. A Thiems Journ. f.Gasbu.Wass - 1876.
7. F.H.King 19th Ann.Re.of the U.S.Geological Survey - 1897.
8. Newell Thesis on the Geology of Bradford oil rocks - 1888.
9. P.Kiesnik Ost.Woch f.d. off B.1906.
10. O.Reynolds Papers Vol. II P.51.
11. F.Nother Zamm.1926, P. 232.
12. Prandtt. Zamm.1921, P.431 .
13. L.W.King Phil Mag. 16,3rd(1916) P.322.
14. Karman Zmm. 1921, P. 233.
15. Laplace Mem.de L'Acad des Sciences - 1787.
16. Schlichter. Movement of Ground Water.
17. Wppak, H.L. ' Studies on Subsoil Hydraulics - Investigation of observational Methods for Models'.
18. Malhotra J.K., ' Annual Report of the Irrigation Research Institute' , Lahore - 1944.
19. Khobha, A.M., Bose, N.K. and E.MCK Taylor, 'Design of Weirs of Permeable Foundations' - Central Board of Irrigation, New Delhi.

20. Wildon, B.H., ' The treatment of waterlogged or threatened areas, ' Proceedings of Punjab Engineering Congress (1928) Page 138.
21. Wildon B.H. and Partha Sarathy, ' A Statistical Examination of the Sensitivity of a watertable to Rainfall and Irrigation', Irrigation Research Institute Lahore, Memoirs, Vol. I No. I.
22. Wildon, B.H. and Partha Sarathy, ' A Statistical Examination of the Sensitivity of the watertable to Rainfall and Irrigation' Irrigation Research Institute Lahore, Memoirs, Vol. I No. I.
23. Bose N.K. ' A Hydrodynamical Investigation of the Flow of Liquid in a Saturated Porous Medium such as a soil' - Irrigation Research Institute Lahore, Memoirs, Vol. II No. I.
24. Wildon B.H. and Bose N.K., ' A Gravitational Survey of the Sub Alluvium of the Jhelum-Chenab-Ravi Doabs, and the application to Problems of water-logging, -Irrigation Research Institute Lahore, Memoirs, Vol. VI. No. I.
25. E.Mckenzie Taylor, Malhotra J.K. and Mehta M.L., ' An Investigation of the rise of watertable in the Upper Chenab Canal Area, Punjab' - Irrigation Research Institute Lahore, Memoirs Vol. I No. 4.
26. Uppal, H.L. and Sehgal S.R. ^{Variation in} 'Subsoil water-table variation in Canal Irrigated Tracts ~~and its sensitivity to Rainfall~~ (1956). Punjab (I)
29. Uppal, H.L. and Sehgal, S.R. ' Sensitivity of water-table to Irrigation and Rainfall in respect of the tract comprising Jandiala Division of the Upper Bari Doab Canal (1957).
30. Uppal, H.L. and Sehgal, S.R. ' Determination of Absorption Losses on Sabroan Branch and Kasur Branch Lower of Upper Bari Doab Canal, Indian Journal of Power and River Valley Development, January, 1961.
31. Uppal, H.L. and Sehgal S.R. ' Hydro-dynamical determination of a subsoil water-table profile as affected by rainfall and its sensitivity to rainfall and irrigation - Annual Bulletin of the International Commission on Irrigation and Drainage.
32. Linsley, R.K. and Kohlar, M.A. (1957), ' Measurement of rainfall interception and evaporation losses in a plantation of Sitka Spruce Trees'.
- *27. Mehta, M.L., 'Proceedings of the International Commission on irrigation and Drainage (1954).
28. Uppal, H.L. and Sehgal S.R. 'Subsoil Water-table variation in Canal Irrigated Tracts and its sensitivity to Rainfall (1956).

33. Musgrave, G.W. (1935) - 'The infiltration capacity of soil in relation to the control of surface run off and erosion' J. Amer. Soc. Agron., 27, 335-45.
34. Musgrave, G.W. (1955), 'How much of the rain enters the soils "Water" Washington, U.D.D.A., Yearbook of Agric., 151-59.
35. Marshall, T.J. & Stark G.B., (1950) 'The effect of lateral movement of water in soil on infiltration measurements' - Aust. J. Agric. Res. I : 253-65.
36. Horton, R.E. (1923), 'The role of infiltration in the Hydrologic Cycle' Trans. A.G.U.
37. Sharp, A.L. and Holton, H.N. (1940), 'A Graphical Method of Analysis of Sprinkler Plot Hydrographs' "Trans A.G.U".
38. Sherman U.K. and ^{Mayer L.C.} Holton, H.N. (1941), 'Application of the Infiltration Theory to Engineering Practice' Trans. A.G.U.
39. Wilm. H.G. (1941), 'Method for the Measurement of infiltration "Trans. A.G.U".
40. Smith G.E.P. (1922), 'Unpublished paper read before the Geological Society of Washington'.
41. White, Walter N. (1932), 'A method of Estimating Ground Water Supplies Based on Discharge by Plants and Evaporation from Soil, U.S. Geol. Surv. ' Water Supply Paper 620A.
42. Raman, P.K., and Satakopan, V. (1934), 'Evaporation in India Calculated from other meteorological factors, Ind. Met. Dept. Mem. 22, Pt. 22, Nos. 222-222. Sc. Note, Vol. 6, No. 61.
43. Ramesh, L.A., (1957), 'Evaporation and potential evapo-transpiration over the Indian Sub Continent, ' Ind. Jour. Agri. Sci. Vol. 27. Pt. II, PPs 137-149.
44. Thornthwaite, C.W. (1948), 'An approach towards a rational classification of climate, Geogr. Rev., Vol. 38 No. I, Pps 55-94.
45. Penman, H.L. (1956) 'Estimating Evaporation, Trans. Amer. Geophys. Union, Vol. 37, No. 1, Pps 43-46.
46. Khobla, A.N., (1951), 'Appraisal of water Resources: Analysis and utilization of data' Proc. U.N. Conference on the conservation and utilization of resources, Vol. 4, water Resources. U.N. Deptt. of Economic Affairs, New York, PPs 64 - 77.
47. Van Bavel, G.H.M. (1961), 'Neutron Measurement of surface soil moisture, Jour. Geophys. Res., Vol. 66 No. 12.
48. Blaney, H.F. and W.D. Criddle (195), 'Determining Water Requirements in Irrigated areas from Climatological and Irrigation Data, U.S. Dept. Agri. SCS-TP-96.

49. Fisher, R.A.(1921), 'An examination of the yield of dressed grain from Borad Balk' Journal of Agri. Science, XI,(Rothamsted Memoirs II).
50. Fisher R.A.(1925) "The influence of rainfall on the yield of wheat at Rothamsted'.
51. Wilsdon, B.E., 'The changes in watertable of Jullundur District.
52. Hallaire, M.(1958), 'Diffusion de l' Eau a l' etat vapeur et liquide au voisinage de la surface d' evaporation et dessechement surface ficial du sol, Internl. Un.Geology and Geophysies, Internl. Assoc. Scs,Hydrology.General Assembly of Tronto.2. Contrugge 466-80.
53. Penman, H.L.(1948), 'Laboratory experiments on evaporation from fallow soil, 'J.Agric.Sci.31 (4) 454-66.
54. Phillip, J.R. (1927), 'Evaporation and moisture and heat fields in the soil', J.Met. 14: 354-66.
55. Staple W.J., Lehane J.J. (1954), 'Movement of moisture in unsaturated soils.' Canadian J.Agric. Sci. 34 (4) (329-342)
56. Richards, L.A., Gardner W.R. and Ogata G.(1956) 'Physical process determining water loss from the soil. 'Proc. Soil Soc. Amer. 20 (3), 310-14.
57. Makink, G.F., Van Meemst, H.D.J.(1956), 'The actual evapotranspiration as a function of the potential evapotranspiration and the soil moisture tension. 'Neth.J.Agric.Sci. 4,67-72.
58. Rijtema, P.W.(1962), 'Evapotranspiration in relation to suction and capillary conductivity in Plant Water Relationships in Arid and Semi-Arid conditions'. Proc.Madrid Symp. UNESCO Arid Zone Res. XVI.
59. Wit, C.T. de (1958), 'Transpiration and crop yields'. Versl. Landl. Ondirs. 64.6.
60. Taylor S.A.(1962), 'Water relations of field crops. In Plant Water Relationships in Arid and Semi-Arid Conditions. Proc.Madrid Symp. UNESCO.ARID Zone Res. XVI, 303-308.
61. Hagan, R.M., Peterson, M.L. Upchurch, R.P., Jones, L.G.(1957), 'Relationships of soil moisture stress to different aspects of growth in Landring Clover, Proc. Soil. Sci.Soc.Amer. 21 (4) , 360-65.
62. Slatyer, R.O.(1957), 'The significance of the permanent wilting percentage in studies of plant and soil water relations'. Bot.Rev.23 (10) 535-636.
63. Monteith, J.L.(1956)' Evaporation of night'. Netherland J. Agric.Sci. 4(1),34-38.
64. Alpatov, A.M.(1954), ' Vlagosberet Kul' turnykh rastenil Leningrad. Gimiz. 248 P.

65. Higham, T. 'Remodelling of Distributaries an old canals' Punjab Irrigation Branch Paper No. 10-1906.
66. Wilsdon, B.H., 'Punjab Engineering Congress Proceedings', Lahore, 1923.
67. Haigh, F.F. and Sharma, K.R., 'Punjab Engineering Congress Lahore, Papers 209 and 231.
68. Vedernikov, V.V., ' Seepage from Channels ', 1934.
69. Midha, D.C., Luthra, H.R. and Vaidhianathan, V.I., ' A new Method of Determining Seepage from Canals in Areas of High Water-Table.
70. Hammad, H.Y., 'Behaviour of Subsoil Watertable under a system of covered drains. 'Trans. Second Congress on Irrigation and Drainage, Vol. II, 1954.
71. Mehta, B.L., ' The Formation and Reclamation of Thur Lands in the Punjab', Punjab Irrigation Research Institute Publication, Vol. III.
72. Gulati, B.L. ' The Aravalli range and its extension', Geodetic Survey, Govt. of India, Nov. 1952.
73. ' Agriculture Statistics of the Punjab', 1939-1950 Economic and Statistical Organisation, Punjab, Publication No. 7.
74. ' Bhakra Dam Project' P.W.D. Irrigation Branch, Punjab Publication 1949.
75. Maydeo. A.G., ' Present day problems in Irrigation and Drainage ' Trans - First Congress on Irrigation and Drainage Vol.II, 1951.

...