

LIBRARIES  
COLORADO STATE UNIVERSITY  
FORT COLLINS, COLORADO

LIBRARIES  
NOV 23 1970  
COLORADO STATE UNIVERSITY

ICE PRESSURE ON DAMS

REFERENCES

A. R. Chamberlain

1. ~~Etude de la pousse~~ des glaces sur les barrages, A. Boucher, project de fin d'etudes, Ecole polytechnique, de Montreal 1955. 101 p.
2. 1882-Report on Ice Harbor at the head of Delaware Bay, Annual Rept., Chf. of Engrs. Usa. Pt. 1, pp 735-790.
3. 1891- Transactions, Canadian Society of Civil Engr. v.5, pp. 270-308.
4. 1893- Transactions, Canadian Society of Civil Engr., v. 12, pp. 131-134.
5. 1899- Failure of a Minneapolis Dam by Ice Pressure, Engr. News Record, V. 39, PP. 542-543.
6. 1911- Provision for Uplift and Ice pressure in Designing Masonty Dams, C.L. Harrison, in Rrans, A.S.C.E. V. 37, 1897, p.142, and in Canadian Engineer, V.21, n.26, Dec. 1911, p.736
7. Results of experiments on Strength of Ice, by George G. Bell Proceedings, Maine Soc. of Civil Engr.. V.1., 1911, pp41-46.
8. Observations and Experiments on Ice expansion , W. H. Sawyer, Proceedings, Maine Soc , of Civ. Engrs, V.k. pp. 27-40.
9. Failure of Dam from Ice Pressure, Engineering News, N.M. McLeod, Prodeedings, Royal Soc, of Canada, Series 3, V 3, Sec 3, pp. 29-48.
10. Expansive force of Ice , H. T. Barnes, J.W. Hayward and N.M.McLeoad, Prodeedings, Royal Soc. of Canada, Series 3, V.8, Section 3, pp. 29-48.
11. Crushing strength of Ice, H. T. Barnes, Transactions, Royal Soc, of Canada, Series 3, V.8, Section 3, pp.19,22.
12. 1915-Dams and Weirs, W. G. Bligh, Am Tech. Soc., Chicago, N
13. Construction of Masonry Dams, C.W. Smith, McGraw-Hill N.Y. pp. 117-126.
14. 1916-Masonry Dam Design, C.E. Mirrison and C.L. Brodie, John Wiley Sons, N.Y. pp. 37-39, pp. 78-104.
15. 1920-Ice Pressure, M. Merriman, Am. Civil Engr's Handbook, 4 th Ed., pp 435, p.709.
16. 1921-Thrust of Ice against Dams, C. Albenga, Annali Lavori Pubblici, Vol3, pp. 71-74.
17. 1922- Ice pressure by Temperature Rise Nils Royen, Homage Book in Honour of V. Hamsen, Swedish State Power Board, Stockholm Sweden.
18. 1917-Engineering for Masonry Dams, W.F. Creager, John Wiley Sons, N. Y. pp. 37-39, 78-104.
19. 1923- Reducing Ice pressur with Compressed Air, by R. C. Skerrett, Canadian Engineer, V. 45, pp. 181-185.
20. 1924- Recent practice in Swedish Water Power Engineering, A. Westerlind, Trans. First World Power Conf. V. 2, pp. 338-358.
21. Engineering News Record, -New, Aug. 14, 1924, p.266.
22. 1927- Engineering News Record, Nov. 10, pp.742-743.
23. 1927- Previous results of ice pressure research of the Studien-gesellschaft for High-tension installation, H. Schwenkhagen, in Elektrizitatzwirtschaft, v. 26, pp. 10-18.
24. 1927- Report of Joint Board of Engineers on the St. Lawrence Waterway, St. Lawrence Waterways Project, Ottawa, Ont. Canada, Appendix E., Ice Formation on the St. Lawrence and Appendix F. Experiments on the Strength of Ice.

25. 1928- Ice Enginering, H. T. Barnes, Renouf Publishing Co. Montreal, Canada.
- ✓26. Uplift and ice pressure on dams, Letter to the Editor, Canadian Engineer, V. 51, N.21, May 22, p.551
27. 1931- Ice as affecting power Plants: Final report of Comm of Power Division, Trans. ASCE. Vol. 95, p.1143.
28. 1932- Ice Thrust in connection with ~~Senneseen~~ Hydroelectric Plant design, E. Brown and GC Clarke, The Engineering Journal, Jan. 1932, pp.13-25.
29. Discussion on Ice Thrust in Conn. with Hydro-Electric Plant Design by El Brown. The Engineering Journal, Aug. 1932, pp. 393-398.
30. 1935- Field measurements of Ice pressures at Hastings Lock and Dam H. M. Hill, The Military Engineer, March-April, 1935. pp. 119-122.
- ✓31. 1936- Ice pressure on Russian Dam Relieved by Compressed air, N.L. Jungking, Engineering News-Record, Vol, 116, January 1936, p. 14.
- ✓32. 1947- Thrust exerted by expanding ice sheet, Edwin Rose, Trans, ASCE, Vol, 112, pp. 871-900.
- ✓33. 1952- Ice prissure against Dams, Studies of the effects of Temperature variations, by Bertil Lofquist, Proceedings, ASCE, Vol, 78, Dec. 1952, Sep. n. 160.
34. Ice pressure against dams: some investibations in Canada. A. D. Hogg, Proceedings, ASCE. Vol 78, Dec. 1952, Sep. no. 161.
- ✓35. Ice pressure against Dams, experimental investigations by the Bureau of Reclamation, G. R. Monfore, Prededdings, ASCE, Vol 78, Dec. 1952, Sep. No. 162.
36. 1953--Discussion of Preceedings -Separates No. 160 and 162, in Proceedings, ASCE, Vol 79, Dec. 1953, Sep. N. 378.
37. Design Criteria for Concrete Gravity and Arch Dams, F.D. Kirn, in Engineering Monographs, No. 19, October 1953
- ✓38. Treatise on Dams, Reclamation Manual by USBR, Chap. 1 and 4, Design Supplement No. 2.