

NATIONAL STREAM-GAGING ORGANIZATIONS

The exchange of stream-flow data for hydrologic research can be greatly facilitated by having a list of the organizations that obtain, record, or coordinate such information in their several countries. The attendance of so many of the world's leading hydrologists in Brussels afforded an excellent opportunity for making such a list of the central stream-gaging agencies for a large number of countries.

The following list includes some 28 countries or provinces obtained chiefly by personal interviews by the writer at the Brussels Assembly. It includes a few obtained by correspondence or otherwise.

In some cases the name or organization listed is not necessarily solely responsible for stream gaging. For example in Japan, among the organizations that do or have done river measurement work are the River Bureau, Ministry of Construction; the Japan Electric Generation and Transmission Co., the Prefectures, the Japanese National Railways, Central Meteorological Observatory, and the Agriculture and Forestry Ministry. However, the agency listed, i. e., River Bureau, Ministry of Construction is shown as the logical organization to write to for data on Japanese rivers.

Belgium. — Stream-flow records are collected by several organizations; there is no central agency. Information can be obtained from or through : Prof. L. J. Tison, Université de Gand, Ghent, Belgium.

Brazil. — Departamento Nacional da Produção Mineral, Divisão de Aguas, Rio de Janeiro.

Canada. — Department of Resources and Development, Water Resources Division, Norman Marr, Chief, Ottawa, Ontario.

Ceylon. — Director of Irrigation, Colombo, Ceylon.

Chile. — Mr. Miguel Montalva C., Director, Departamento de Riego, Dirección General de Obras Públicas, Santiago, Chile.

Denmark. — Det danske Hedeselskab, Slagelse, Denmark. J. M. Lyshede, Hydrologist.

Finland. — 1) Hydrografen Toimisto, Helsinki, Finland. A. Fabricius, Chief.
2) For small streams : Maataloushallituksen, Vesiteknilliset, Tutkimukset, Helsinki, Finland.

France. — 1) Electricité de France, 20, rue Hamelin, Paris.

2) Direction d'Electricité, Ministère des Travaux Publics, Bd. St. Germain, Paris.

3) Records are published by Société Hydrotechnique de France, 199, rue de Grenelle, Paris.

Germany (west). — 1) Federal Institute of Hydrology, (Bundesanstalt für Gewässerkunde, Bielefeld, Ravensbergerstrasse 48). Water-levels, measurements of runoff, instruments, water-balance, hydrometeorology, underground-water, water-chemistry, biology of water. Director : Prof. Schroeder, Division of water-balance and hydrometeorology : Dr. Fiedrich.

2) Regional Institutes of Hydrology in all the 11 States belonging to Western-Germany.

Great Britain. — Ministry of Local Government. Inland Water Survey, W. Alford, Supt. Whitehall, London, SW 1.

Coordinates and publishes results of stream-gaging by local water boards and districts.

Holland. — River stages : Director of Algemene Dienst van de Rijkswaterstaat, National Public Works, The Hague.

All other measurements on rivers : current, silt, salinity ; Chief Engineer J. B. Schijf.

India. — Shri A. N. Khosla, Joint Secretary, Ministry of Natural Resources and Scientific Research, Government of India, New Delhi.

Israel. — Martin J. Goldschmidt, Director Hydrological Service. Water Dept., Ministry of Agriculture, P. O. Box 667, Jerusalem. State of Israel.

Italy. — Servizio Idrografico, Ministero Lavori Pubblici, Roma. Prof. Frosini, Director.

Japan. — River Bureau, Ministry of Construction, Tokyo, Japan.

Kenya. — F. Grundy, Public Works Dept., Head Office, P. O. Box 662, Nairobi, Kenya, East Africa.

Morocco. — Direction des Travaux Publics, Service Hydrologique du Maroc (M. Roederer), Rabat, Morocco.

New Zealand. — The Chief Engineer. Rivers Control and Soil Conservation Council. Wellington, New Zealand.

Norway. — Overingenior Sögnen, Norges Vassdrag-Og El. vesen. Hydrological Division, Oslo, Norway.

Pakistan. — Director, Hydrometeorology, Central Engineering Authority, Block 23, Pakis Secretariat, Karachi 1.

Panama Canal zone. — W. Houston Esslinger, Chief, Hydrographic Section. Panama Canal Company. Balboa Heights, Canal Zone.

Puerto Rico. — Water Resources Authority, San Juan, P. R.

South Africa, Union of. — Hydrographic Surveyor, Dept. of Irrigation, Central Government Offices. Church St., W, Pretoria, Transvaal.

Sweden. — The Meteorological and Hydrologic Institute of Sweden, Stockholm 12, Sweden. Chief Dr. A. Angstrom. Chief of the Hydrological Section, Dr. R. Melin.

Switzerland. — Service Federal des Eaux. Bollwerk 27, Berne, Switzerland. Annual publication : Hydrographes Jahrbuch der Schweiz.

Tunis. — 1) E. Berkaloff, Chef du Bureau, Inventaire des Ressources Hydrauliques, Direction des Travaux Publics, Tunis.

2) J. Tixeront, Ingénieur en Chef. Service Hydraulique. Direction des Travaux Publics, Tunis.

Turkey. — Irrigation : Sulsleri Reisligi, Bayindirlik Bakanligi. Ankara.

Water power : Elektrik Isleri Idaresi, Umum Müdürlüğü, Ankara.

United States (including Alaska and Hawaii). — C. G. Paulsen, Chief. Water Resources Division. U. S. Geological Survey, Washington 25, D. C., U. S. A.