

and it is recommended that early steps be taken to begin such records, the same to be under the supervision of the Department of Public Works.

41. The percentage runoff as above determined has been applied to the rainfall data in the drainage basins of the several projects considered, namely, the Jolly Hill, River, Manning Bay, and Salt River, projects—See Plate A for the location. In the case of Jolly Hill basin, the rainfall at Annally is assumed to apply to the basin. In the case of the River and Manning Bay projects—these are alternate projects in the same basin—only the mountain area is figured to be effective in so far as runoff is concerned, as it is common knowledge that for the usual rains there is no material runoff from the flat lands. Also inasmuch as the rainfall at Annally, which is near the summit, is about 45% greater than at River, which is at the foot of the mountains, it is assumed that the rainfall is greater for higher elevations, and that the mean for the mountain area of the River or Manning Bay water shed is 15% greater than at the River station. In the case of the Salt River drainage basin, the valley area is here also figured as ineffective, and the rainfall on the mountain area is figured as equal to the mean for the Island, or about 5% greater than at the rain gage stations Glynn and Windsor.

DUTY OF WATER.

42. Net Duty: The duty of water, or the amount of water required per acre has been considered with the object in view of the greatest efficiency of water, that is, the greatest crop production per acre foot of water rather than the greatest production per acre of land, as the water and not the land is the limiting feature. There has been no irrigation on the Island, so there is no local experience from which to judge of the crop requirements. It is a fact, however, that sugar cane, which is the principal crop of the Island has been raised here for a period of probably 200 years with their success without irrigation and this fact is a convincing argument that the rainfall in a normal year, if properly distributed, is at least nearly sufficient for crop requirements. In fact it is a common statement of the planters that if they can get a line of rainfall a day, or 365 lines per year, and if this is properly distributed throughout the 12 months, they will be assured a reasonable crop return; and it may be seen from Table 1 that the mean rainfall for the Island covering a 72 year period is 368 lines. On the Island of Porto Rico where the irrigation of sugar cane is in extensive use a law has been enacted which provides for a duty of irrigation water of four acre feet per acre at the land in addition to the rainfall, and on the proposed Government (Isabela) project there this duty is adopted and the mean annual beneficial rainfall is estimated at 38 inches, making a total net duty of 86 inches. Water is more plentiful,

however, at Porto Rico and a more liberal use can be figured than it will be possible at St. Croix with its scant water supply.

TELEGRAMS.

ST. CROIX STATION.

New York, June 11th.—Announcing a list of clubs at which Davis Cup matches to be played in the United States this year will take place, the Davis Cup Committee yesterday intimated that the survivor of the Australian Chinese-Mexican matcher will meet the survivor of the Canadian-Cuban Japanese matches at Agawam Hunt Providence, R. I. Canada is matched against Cuba in the first round and to win through the semi-final must triumph over both Cuba and Japan. The latter drew a bye in the first round. The Canadian matches will take place at Ottawa and Montreal.

Ottawa, June 11th.—A Canadian Customs Officer will be appointed at New York, when the Department of Customs has been notified that Canadian goods have arrived there under aspecial customs manifest, as provided in the regulations. This was the answer today by the Minister of Customs in the House of Commons to a question. An order in council was passed some months ago authorizing the appointment of a Canadian Customs Officer at some port in the United States, to permit the transport of merchandise between Atlantic and Pacific Ports in Canada, via the Panama Canal, without payment of customs duties at the port of transport.

Havana, June 11th.—General Archibald Jack, General Manager of the United Railways of Havana, the employees of which are on strike, was shot and wounded late yesterday as he left his office in Central Station. At his office it was said he suffered only a flesh wound in the cheek. He was taken to an emergency hospital. A nineteen year old boy was arrested charged with the shooting. General Jack is a native of England and a veteran of the British Army. His assailant was Emilio Crespo, a trolley tender, who with other union employees of the railway went on strike two weeks ago. The youth leaped on the running board of the General's automobile in a down town street, as the General Manager was on his way home from his office. He fired one shot, the bullet penetrating the General's cheek knocking out several teeth and passing through the left cheek. A member of the Cuban Secret Police was in the automobile and placed the youth under arrest. Crespo blamed General Jack personally for the strike. Efforts have been made by the Labour leader to have General Jack deported. They charged that he was unfair to his employees and thus precipitated the strike.

Bagdad Irak June 10th.—The Constituent Assembly of Mesopotamia yesterday

refused to ratify the proposed Anglo-Irak Treaty, which has been under consideration for a long time. A majority of the members expressed their unwillingness to ratify the treaty until Great Britain furnished a written promise to modify some of the points of the treaty concerning the independence of Irak after the formal ratification was granted. Stormy scenes took place in the Assembly.

Hong Kong, June 12th.—The United States army round-the-world fliers, who left here Tuesday morning, arrived at Haiphong, French Indo-China, at 4.45 that afternoon. They covered the 500 miles in six hours and twenty minutes. They encountered strong south-westerly winds.

Galesburg, Ill., June 12th.—Damage estimated at nearly \$1000,000 was occasioned by a tornado and hail storm in this section early today. Considerable livestock was reported killed.

Cleveland, June 12th.—President Coolidge conferred today with Senator Borah of Idaho in an effort to have him reconsider his refusal to accept the nomination of Vice-President.

Copenhagen, June 12th.—The Folkething or Danish House of Commons, last evening ratified the agreement with Norway governing their relations with regard to Greenland. The agreement was ratified with the Norwegian Storting on March 27th Denmark's sovereignty over Greenland is maintained, but Norway's guaranteed protection for her scientific and practical interests. Denmark's airtight trade monopoly in sections of Eastern Greenland is modified by the agreement, which also provides machinery for dealing with any future disputes.

Cleveland, June 12th.—President Calvin Coolidge was nominated for the Presidency today in the Republican National Convention. His nomination was all but unanimous. The voices of the little group of Lafolette men from Wisconsin and North Dakota, who have stood through the convention in militant insurgency against the policies of the party leaders were almost swallowed up in the tremendous wave of acclamation that formally ratified Mr. Coolidge's choice as the standard bearer of his party. Brigadier General Charles G. Dawes, of Illinois, was nominated for the Vice-Presidency by the Republican National Convention tonight, after it had once nominated Mr. Frank Lowden former Governor of Illinois, and he refused to accept this place. The nomination of Brigadier General Dawes, came as the climax to one of the most spectacular scenes in Republican Party history, in which the convention, once having nominated a candidate, was obliged to undo its work and find another. The official total of the third ballot on which General Dawes was nominated was Dawes 682½, Kenyon 75, Watson 45, Hoover 234½, Norris 29, Dixon 6, Wrigley 1, Sanders 4 Dupont 11.