

the runoff is materially less per square mile. On this account it appears that the project will only support 500 acres of irrigated land or a total area of 625 acres.

71. This project requires a reservoir capacity of 2,000 ac. ft. To supply this would require a water surface elevation of 25 ft. above sea level and a maximum height of dam of 33 ft. including an 8 ft. freeboard and figuring the lowest point of the dam to be 5 ft. below sea level. The length of dam would be 1,140 ft. A 200 ft. spillway is planned through the saddle near the right abutment. The rock excavated from the spillway would be used for paving the dam. The older rock formation is exposed at either end and it is estimated that the greatest depth to bed rock in the bottom is 30 ft. below sea level. The plan of dam, including puddle trench, core wall, and outlet gate are the same as for the River project. In both of these projects the runoff during construction is to be handled through the outlet gates. The larger floods occur at such rare intervals and are of such short duration that it is planned to allow them to run over one end of the dam and to prevent excessive cutting by the use of bags of sand.

72. This is a pumping project and in order to avoid some heavy sidehill canal construction and to place the pump nearer the lands to be irrigated, it is located as shown on Plate 9, and not at the outlet of the dam as would ordinarily be the case. The economy of this plan, however, is questioned as the special construction features required may over balance the additional canal construction from the dam. The plan of the pumping plant as proposed requires a feeder canal in the bottom of the reservoir or at sea level to run from near the dam to the foot of the hill near the pump. From this point there will extend about 20 ft. of tunnel which will connect with a shaft which raises to about elev. 15. At this elevation and over the shaft will be a water tight reinforced concrete pump house extending to above proposed maximum high water. An 8 inch horizontal, single stage, centrifugal pump is planned with a capacity of 2,500 g. p. m., to be directly connected to a two cycle, solid injection 120 h. p. full Diesel engine. With reservoir empty to suction lift will be about 18 ft. and the total static lift 126 ft. or to water surface elev. in the canal of 126. The canal will be concrete lined and will be on a rather light grade to conserve elevation; It will cross the saddle or summit near estate "Slob" and will then swing back toward the reservoir.

73. The estimated cost of this project is \$271,800 or \$435.00 per acre for the 625 acres benefitted—See Table 15. This is a little above the feasible limit previously determined upon and due to this fact, and also the fact that it is a pumping project and the operation cost will

necessarily be higher than that of a gravity project, it is not recommended as financially feasible. The conclusions as to runoff in this basin, however, may be too conservative, and if so and it is found that the water supply would sustain say 1,000 acres, the result would be entirely different and it would become possibly the cheapest project on the island on account of the most favorable reservoir site. It is, therefore, advised that runoff records be kept on this stream with a view to later studies of its irrigation feasibility.

TELEGRAMS.

ST. CROIX STATION.

Rome, June 18th.—Several thousand Fascisti militia from the provinces of Rome and Tuscany marched into Rome yesterday, singing their war songs. An official communication issued by the Commander of the Militia says the concentration is in no way connected with the necessity for the maintenance of public order, but that the militia was ordered to render honours to Rastaffaria, agent of Abyssinia, who is expected to arrive tomorrow to be received by the king and Premier Mussolini and by the Pope on Saturday. At several places in the provinces there were demonstrations growing out of the Mattotti case.

Paris, June 18th.—In the third round of the Davis Cup elimination play, the Frenchmen defeated the Indian players two matches to nothing. Rene Lacoste, France, defeated M. Sloom, India, 6-4 4-6 6-4 6-2 6-4, and Henri Cochet, France, won from S. M. Jacob, India, 6-4 4-6 6-4 6-1. Lacoste, the former school boy champion of France, outplayed Sloom in a base line duel in which his speed and length of drive overshadowed the clocklike regularity of Sloom's play.

St. Johns N. F. June 19th.—Barely holed, as the result of a collision with the Italian steamer "Clara Camos", off Cape Race today, the P. R. liner "Metagama", with 700 passengers reached this port, just before dusk. The big liner had a very heavy list to port as she came through the Narrows and showed every sign of being in great difficulty, though she was making way slowly under her own steam and was absolutely under control. The Metagama assisted by tugs was moved to the head of the harbour, near the dock entrance, and beached. The Italian ship was berthed at the Furness Withy Pier when the Metagama arrived and presented a striking contrast to the latter. Except for her port list and the water spouting from her pumps, the Canadian Pacific boat showed hardly a scratch on her hull, the damaged plates being below water. The "Clara Camos" on the other hand, has her bow badly crumpled in and presents all the appearance of a ship that has been in the very worst sort of a head-on impact.

Wimbledon, Eng. June 19th.—Revers-

ing their defeat at the hands of the women tennis players of the United States last year, in the United States, the British women's team won the match event here from the United States team today. Miss Kathleen McKane, British player, today defeated Miss Helen Wills, the United States Champion, in straight sets 6-2 6-2, giving the British team four victories and the match. Mrs. Covell, of England, won the second of the day, defeating Mrs. Mallory, former United States champion, 6-2 5-7 6-3.

Moscow, June 19th.—In a speech, remarkable for its candour M. Zinovieff Chairman of the fifth Congress of the Third Internationale, yesterday told 7,500 delegates of that organization that there was no reason to feel discouraged over the fact that the Communist Internationale has failed to attain victory in the majority of Western countries, or that social revolution has not been developed with the anticipated in the days of the Russian revolution. Most of the delegates had before them statistics from their own countries respecting the status of the party. It was shown that, with the exception of Russia, where the Communist Party has increased from 430,000 members to 600,000. For instance, it is shown that the membership of the party in the United States dropped from 20,000 to 5,000, while in Great Britain it decreased from 10,000 to 300, in France from 130,000 to 100,000 and in Germany from 300,000 to 250,000. We were mistaken in our judgment regarding the speed of the world revolution", said M. Zinovieff, "and where we had to calculate upon years, we have been calculating upon months". M. Zinovieff, who since Lenin's death has taken the foremost role in all the Communist activities, vigorously attacked the second internationale, which recently held a session in Vienna. He said this body represented only the aristocracy of the working classes and is unable to free the workers from the capitalist yoke, because its leaders are supporting the Bourgeois Governments. The presidium elected included Leon Trotsky, W. Stalin, Clara Zetkin and William Dunn.

New York, June 20th.

Flour, (hard winter clears \$5.15.

" hard winter straights \$5.60

Meal, Kilndried per 100 pounds \$2.20

New Season's Pork per barrel \$37.00

Heavy Mess Pork per brl. \$27.00

Sugar—Crystals maximum per 100 lbs. \$5.28

McClasses Sugar 89 maximum 4.25

Cotton, Middling, Upland, at Liverpool per lb. 16 99-100d.

Exchange, New York and London, 60 days' sight \$4.31½

Exchange New York and London, sight \$4.33