

the lake had been dropping for a week (total fall, 14.8 cm.); but the lake, which acts as a distributor of the masses of water, was still full and even enlarged, being still at its maximum; for this reason the natives did not look for any appreciable diminution in the rivers draining out of it until another month had passed; but when that time came, the Laschin-darja would be very low. However, above the Jätim-tarim the Kuntschekisch-tarim is only exceeded in magnitude by the united Tschong-tarim.

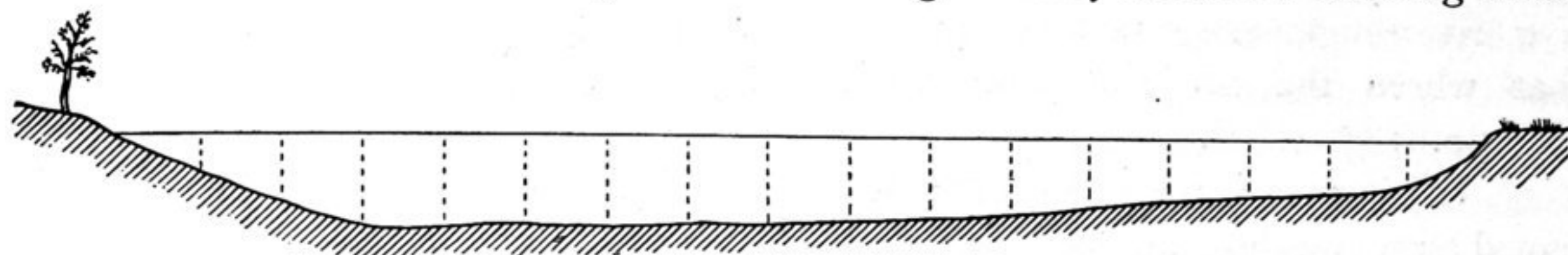


Fig. 435. Right. 1.45 2.50 3.49 3.55 3.37 3.49 3.35 3.19 3.20 3.05 2.95 2.70 2.40 2.22 2.00 1.79 = depth. Left.  
 44 70 72 74 76 92 85 91 90 85 87 82 73 70 65 40 }  
 50 65 76 83 91 98 100 101 99 83 82 80 77 67 52 48 } velocity.  
 60 64 71 83 84 91 87 70 63 65 61 66 52 38 41 }  
 56 60 76 82 75 72 76 60 51 57 58 51 49 }  
 Breadth = 51.25 m. Kuntschekisch-tarim or Ara-tarim, above the point where Jätim-tarim leaves it; May 1st. Scale = 1:400.

On the 2nd May the Kuntschekisch-tarim gave at Säkitma the following dimensions: breadth, 33.5 m.; mean depth, 2.452 m.; mean velocity, 0.4419 m.; and

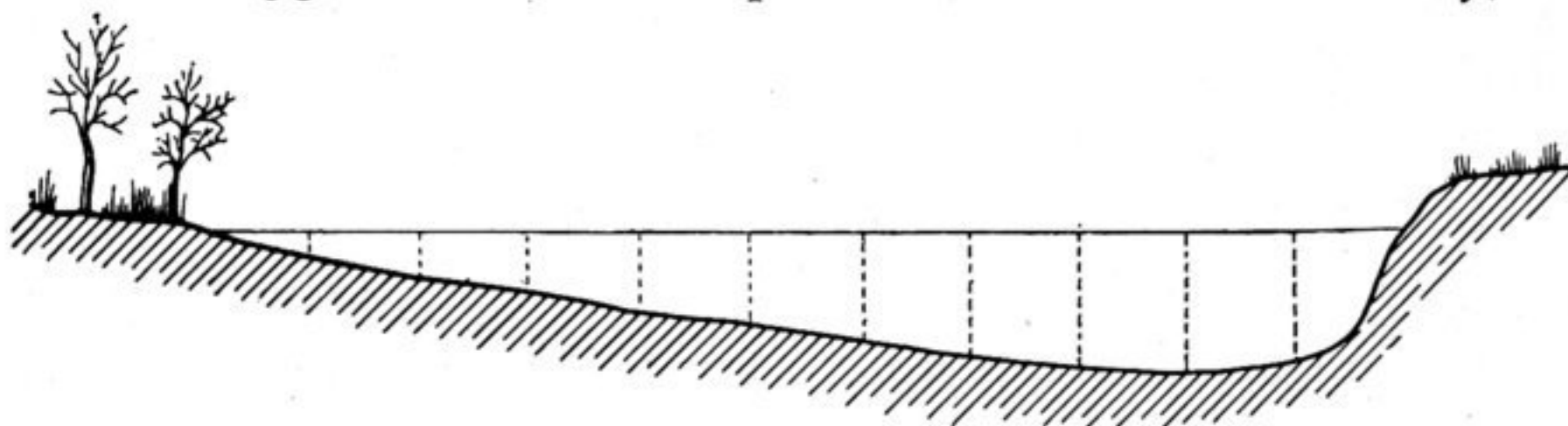


Fig. 436. Right. 0.80 1.38 1.70 2.22 2.58 3.10 3.49 3.90 4.00 3.80 = depth. Left.  
 34 40 43 50 51 54 59 52 44 31 }  
 33 35 39 34 47 43 50 58 60 51 } velocity.  
 32 48 50 56 52 48 48 }  
 Breadth = 33.5 m. Kuntschekisch- or Ara-tarim at Säkitma; May 2d. Scale = 1:400.

volume, 36.30 cub.m. The Laschin-darja had a breadth of 52.59 m.; mean depth, 1.805 m.; mean velocity, 0.5584 m.; and volume, 52.71 cub.m. in the second. Hence the total volume of the two amounted to 89.01 cub.m., or an increase of 1.8 cub.m.

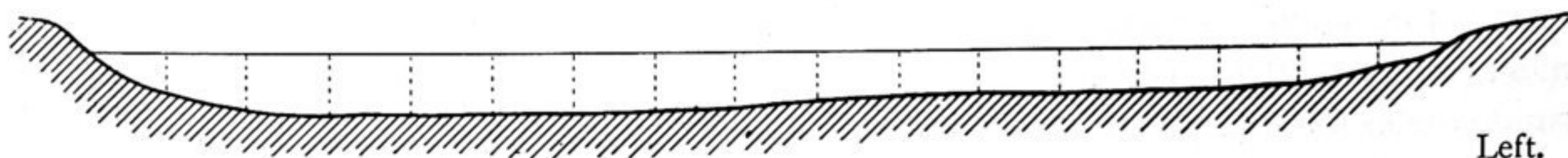


Fig. 437. 1.49 2.18 2.43 2.42 2.39 2.28 2.20 2.09 1.99 1.90 1.78 1.72 1.71 1.69 1.58 0.84 = depth. Left.  
 50 66 72 60 64 72 70 65 64 60 54 55 56 52 45 15 }  
 60 72 71 72 75 73 73 68 68 63 59 56 51 51 40 } velocity.  
 66 55 61 68 62 71 61 60 60 50 50 41 48 }  
 Breadth = 52.59 m. Laschin-darja at Säkitma; May 2d. Scale = 1:400.

over the measurement for the same conjoint streams on the day preceding. The transparency of the Kuntschekisch-tarim was 0.58 m., and of the Laschin-darja 0.43 m. while the temperatures of the two streams were 15.2° and 16.1° C. respectively. In