

Crooked Creek 14 miles crossing Stump Arroyo another small crooked running stream emptying into Crooked Creek from the west, six miles below man arroya, and then struck across the prairie to the Cimmaron. From here I marched back to Crooked Creek which I crossed $1\frac{1}{2}$ miles above its mouth and then crossed over a level divide marching east by north to Sand Creek. From there I marched North and North west back to the bend of Crooked Creek and from there returned to Fort Dodge ka. after a march of $220\frac{2}{3}$ miles.

The country marched over is level or slightly rolling prairies cut with breaks and ravines running towards the different rivers and creeks, and commencing at a distance of from 4 to 6 miles from them. This prairie generally covered with a dense growth of Buffalo grass had been burned as for down as man arroya.

Plenty of wood is found along Crooked Creek above the point where it bends to the south. Its banks are densely grown with cottonwood, hackberrys ash and elm, and in many places a dense undergrowth of willows and plum bushes is found, and for about 5 miles below the bend a few small groves were seen along the Creek. After that no more wood is found along Crooked Creek except a very few single trees at long intervals. A few cottonwood trees were seen along the creek. After that no more wood is found along Crooked Creek except a very few single trees at long intervals. A few cottonwood trees were seen on Man Arroya. Near the head of the forks. No timber was seen on the north bank of the Cimmaron, but on the south bank several well wooded ravines and can'ons extend far out into the country as was seen from the bluffs on the north side of the river. On sand creek plenty of large cottonwood trees are found along the bed of the main stream as well as on a fork coming in from the west side and a considerable grove of very large trees is found at the Junction of these two forks. A very few straggling trees are growing in the ravines intersecting the plateaus and divides between the creeks.