

Table P-2a. Mature Woody Riparian Vegetation with Less than 50% Cover
on Rush Creek in 1940 and 1989

Year/ Vegetation Type	Reach Number									All Reaches
	1a	2a	2b	3	4	5	6	7	8	
1940 acreages										
Conifer-broadleaf	--	--	--	0.7	0.6	10.5	--	--	--	11.8
Cottonwood-willow	--	0.2	--	1.6	1.6	1.0	27.1	1.0	--	32.5
Aspen	--	0.4	--	--	0.1	--	--	--	--	0.5
Willow scrub	--	--	0.5	4.9	3.3	1.1	5.9	0.4	5.2	21.3
Mixed riparian	--	--	0.1	--	--	--	2.7	--	--	2.8
All types	--	0.6	0.6	7.2	5.6	12.6	35.7	1.4	5.2	68.9
1989 acreages										
Conifer-broadleaf	--	--	--	0.6	--	--	--	--	--	0.6
Cottonwood-willow	--	0.1	--	0.4	0.6	2.3	1.1	0.4	--	5.0
Aspen	--	0.4	--	--	0.1	--	--	--	--	0.5
Willow scrub	0.3	0.1	0.2	1.3	1.0	0.3	7.2	1.0	2.2	13.6
Mixed riparian	0.9	0.1	0.1	1.8	0.5	--	7.4	3.8	--	14.7
All types	1.2	0.7	0.3	4.2	2.3	2.6	15.7	5.2	2.2	34.3
Changes from 1940 to 1989										
Conifer-broadleaf	--	--	--	-0.1	-0.6	-10.5	--	--	--	-11.2
Cottonwood-willow	--	-0.1	--	-1.2	-1.0	1.3	-26.0	-0.6	--	-27.6
Aspen	--	--	--	--	--	--	--	--	--	--
Willow scrub	0.3	0.1	-0.3	-3.6	-2.3	-0.8	1.3	0.6	-3.0	-7.7
Mixed riparian	0.9	0.1	--	1.8	0.5	--	4.7	3.8	--	11.9
All types	1.2	0.1	-0.3	-3.0	-3.3	-10.0	-20.0	3.8	-3.0	-34.6
Percent loss or gain	100%	17%	-50%	-42%	-60%	-80%	-56%	261%	-58%	-50%

Notes:

Reach 1a = Grant Lake Dam to return ditch.
 Reach 2a = return ditch to base of moraine.
 Reach 2b = A-Ditch supply channel.
 Reach 3 = base of moraine to old highway bridge.
 Reach 4 = old highway bridge to Parker Creek.

Reach 5 = Parker Creek to The Narrows.
 Reach 6 = The Narrows to the ford.
 Reach 7 = the ford to County Road.
 Reach 8 = County Road to lakeshore.

Differences in quality of prediversion and recent aerial photographs may reduce accuracy of percent cover comparisons.

Some calculations of acreage change may appear inaccurate by 0.1 acre because of rounding error.

Acreages measured by Jones & Stokes Associates from interpretation of 1929-1930, 1940, and 1990 aerial photographs and 1990-1991 field surveys.