

Appendix C - Monthly Estimated Flow in Upper Tributaries

Estimated Average Flow in Upper Tributaries (cfs)

Watershed Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Upper Treasure Creek	2.6	2.8	4.1	16.9	65.8	76.7	25.4	12.3	7.7	6.1	3.9	2.9
Lower Treasure Creek	1.6	1.7	2.6	10.6	41.4	48.2	16.0	7.7	4.9	3.8	2.4	1.8
Alum Creek	0.3	0.4	0.5	2.1	8.3	9.7	3.2	1.6	1.0	0.8	0.5	0.4
Iron Creek	1.3	1.4	2.1	8.8	34.1	39.8	13.2	6.4	4.0	3.1	2.0	1.5
Bitter Creek	0.5	0.5	0.8	3.3	12.8	14.9	4.9	2.4	1.5	1.2	0.8	0.6
Asiatic Creek	0.2	0.3	0.4	1.6	6.1	7.2	2.4	1.1	0.7	0.6	0.4	0.3
Total	6.7	7.1	10.5	43.2	168.5	196.6	65.2	31.4	19.8	15.5	10.0	7.5
Wightman Fork	1.9	2.0	3.0	12.5	48.7	56.8	18.8	9.1	5.7	4.5	2.9	2.2
Sawmill Creek	0.2	0.2	0.4	1.5	5.7	6.6	2.2	1.1	0.7	0.5	0.3	0.3
Big Horn Hollow	0.4	0.4	0.6	2.4	9.5	11.1	3.7	1.8	1.1	0.9	0.6	0.4
Whitney Gulch	0.2	0.2	0.4	1.5	5.8	6.8	2.3	1.1	0.7	0.5	0.3	0.3
Palmer Gulch	0.2	0.2	0.3	1.4	5.4	6.3	2.1	1.0	0.6	0.5	0.3	0.2
Silver Creek	0.2	0.2	0.3	1.2	4.6	5.4	1.8	0.9	0.5	0.4	0.3	0.2
Total	3.2	3.4	5.0	20.4	79.8	93.0	30.8	14.9	9.4	7.3	4.7	3.6
Downstream of Wightman	0.8	0.9	1.3	5.2	20.5	23.9	7.9	3.8	2.4	1.9	1.2	0.9
Jasper Creek	0.5	0.6	0.9	3.5	13.8	16.1	5.3	2.6	1.6	1.3	0.8	0.6
Spring Creek	0.5	0.5	0.8	3.2	12.5	14.5	4.8	2.3	1.5	1.1	0.7	0.6
Burnt Creek	0.4	0.4	0.6	2.4	9.2	10.7	3.6	1.7	1.1	0.8	0.5	0.4
Downstream of Spring	0.3	0.3	0.5	1.9	7.3	8.5	2.8	1.4	0.9	0.7	0.4	0.3
Castleman Gulch	0.2	0.2	0.3	1.4	5.4	6.3	2.1	1.0	0.6	0.5	0.3	0.2
Fern Creek	0.1	0.1	0.1	0.5	2.0	2.3	0.8	0.4	0.2	0.2	0.1	0.1
Total	2.8	3.0	4.4	18.1	70.6	82.3	27.3	13.1	8.3	6.5	4.2	3.1
Total with Upstream	12.6	13.4	19.8	81.8	318.9	371.9	123.3	59.4	37.5	29.3	18.9	14.2
Downstream of California	0.6	0.7	1.0	4.0	15.6	18.2	6.0	2.9	1.8	1.4	0.9	0.7
California Gulch	0.6	0.6	0.9	3.8	15.0	17.5	5.8	2.8	1.8	1.4	0.9	0.7
Beaver Creek	0.4	0.4	0.6	2.4	9.4	11.0	3.6	1.8	1.1	0.9	0.6	0.4
Rhodes Gulch Canyon	0.4	0.4	0.6	2.4	9.2	10.7	3.5	1.7	1.1	0.8	0.5	0.4
French Creek	0.3	0.4	0.5	2.2	8.4	9.8	3.3	1.6	1.0	0.8	0.5	0.4
Lieutenant Creek	0.2	0.2	0.3	1.3	5.3	6.1	2.0	1.0	0.6	0.5	0.3	0.2
Ranger Creek	0.2	0.2	0.3	1.0	4.0	4.7	1.6	0.8	0.5	0.4	0.2	0.2
Total	2.6	2.8	4.2	17.1	66.9	78.0	25.9	12.5	7.9	6.2	4.0	3.0
Total with Upstream	15.2	16.2	24.0	98.9	385.7	450.0	149.1	71.9	45.4	35.5	22.8	17.2