

Addendum
Updated range-wide status information for Colorado River
Cutthroat Trout for the period 2011-2015

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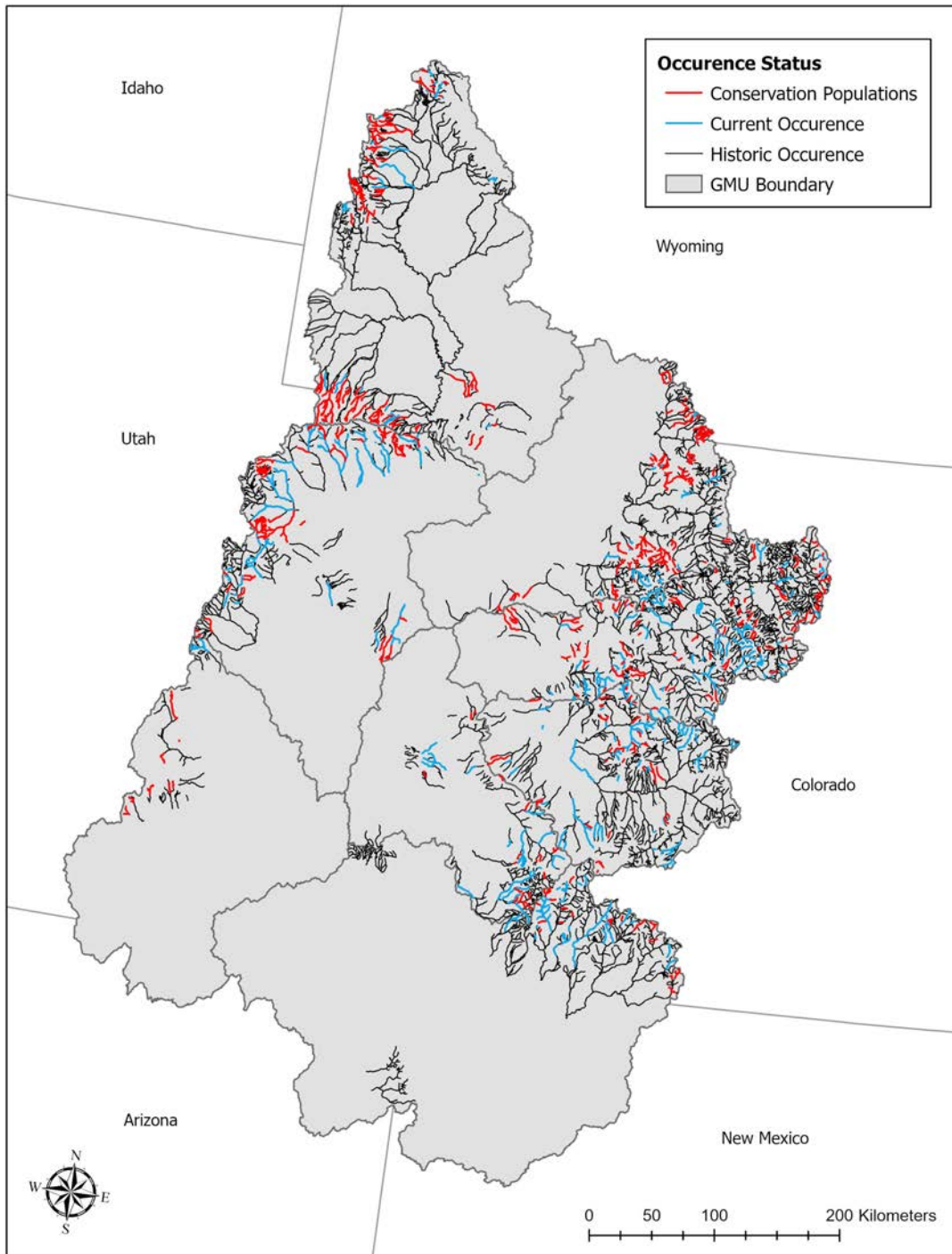
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Current Range

Figures -

Figure 1: (2010 Assessment Pg. 8)

Historic and current range of CRCT as of 2015.



Characteristics of Conservation Populations

Tables -

Table 3: (2010 Assessment Pg. 10)

Characteristics of CRCT conservation populations in Colorado, Wyoming, and Utah. CRCT populations in lakes were not evaluated in 2005.

State	Metric	2005	2010	2015
Colorado	Average Patch Length	4.9	7.4	7.2
Colorado	Conservation Population	145.0	198.0	226.0
Colorado	Current Range	1141.0	1432.0	1628.9
Colorado	Historic Range %	5.0	7.0	8.3
Colorado	Lake Area Occupied	0.0	60.0	68.8
Utah	Average Patch Length	9.2	13.8	12.9
Utah	Conservation Population	63.0	86.0	87.0
Utah	Current Range	933.0	1105.0	1117.9
Utah	Historic Range %	17.0	20.0	19.8
Utah	Lake Area Occupied	0.0	327.0	328.1
Wyoming	Average Patch Length	6.0	12.7	10.9
Wyoming	Conservation Population	85.0	87.0	80.0
Wyoming	Current Range	816.0	866.0	868.5
Wyoming	Historic Range %	12.0	13.0	13.3
Wyoming	Lake Area Occupied	0.0	242.0	242.4
Total	Average Patch Length	6.1	9.4	10.3
Total	Conservation Population	285.0	361.0	384.0 ¹
Total	Current Range	2891.0	3403.0	3615.3
Total	Historic Range %	8.0	11.0	11.0
Total	Lake Area Occupied	0.0	629.0	639.3

¹ Total is adjusted for nine conservation populations that cross state lines and were subsequently referenced for multiple states above.

Table 4: (2010 Assessment Pg. 12)

Stream length (km) of historic range within each GMU and 4th-level HUC. Proportion of historic range occupied currently (as of 2015), rounded to the nearest whole number, in parentheses. Additional habitat occupied (km) are populations resulting from human introduction outside the species' historic range. Current range (km) is the sum of all occupied habitat. GMU's are in bold, HUC8 in plain text.

GMU / HUC-8	Historic range km	Historic occupied km (%)	Additional km	Current Range km ¹
Dolores	1791.2	86.7 (4.8)	8.0	94.7
Lower Dolores	228.9	0 (0)	0.0	0.0
San Miguel	470.7	28.1 (6)	5.5	33.6
Upper Colorado-Kane Springs	133.2	0 (0)	0.0	0.0
Upper Dolores	916.3	51.3 (5.6)	2.4	53.7
Westwater Canyon	42.1	7.3 (17.3)	0.0	7.3
Gunnison	4594.9	154 (3.4)	66.0	220.0
East-Taylor	762.3	0 (0)	0.0	0.0
Lower Gunnison	472.7	6.7 (1.4)	30.3	37.0
North Fork Gunnison	661.4	69.7 (10.5)	12.9	82.6
Tomichi	707.0	0 (0)	0.0	0.0
Uncompahange	267.5	14.7 (5.5)	0.1	14.8
Upper Gunnison	1724.0	63 (3.7)	22.8	85.8
Lower Colorado	586.6	75.9 (12.9)	12.0	87.9
Escalante	174.8	33.1 (18.9)	10.8	43.9
Fremont	265.5	42.8 (16.1)	1.2	44.0
Muddy	146.3	0 (0)	0.0	0.0
Lower Green	3564.7	535.2 (15)	111.7	646.9
Ashley-Brush	253.5	95.2 (37.6)	0.0	95.2
Duchesne	907.7	150 (16.5)	1.6	151.6
Lower Green-Desolation Canyon	243.6	0 (0)	0.0	0.0
Lower Green-Diamond	41.2	0 (0)	0.0	0.0
Price	630.7	109.9 (17.4)	22.1	132.0
San Rafael	633.6	42.6 (6.7)	0.1	42.7
Strawberry	696.4	137.5 (19.7)	5.6	143.1
Willow	158.0	0 (0)	82.2	82.2
San Juan	3392.5	68.3 (2)	56.8	125.1
Animas	724.1	20.5 (2.8)	33.6	54.1
Chinle	268.9	0 (0)	0.0	0.0
Lower San Juan-Four Corners	255.0	0 (0)	0.0	0.0
Mancos	191.3	0 (0)	0.0	0.0
Middle San Juan	248.7	0 (0)	0.0	0.0
Montezuma	34.9	0 (0)	0.0	0.0
Piedra	597.2	22.8 (3.8)	4.6	27.4
Upper San Juan	1072.4	25 (2.3)	18.6	43.6
Upper Colorado	7240.1	558.1 (7.7)	99.8	657.9
Blue	758.8	43.9 (5.8)	10.8	54.7
Colorado Headwaters	3342.2	205.9 (6.2)	31.0	236.9
Colorado Headwaters-Plateau	933.9	123.6 (13.2)	16.4	140.0
Eagle	938.8	49 (5.2)	8.1	57.1
Parachute-Roan	241.3	74 (30.7)	17.8	91.8
Roaring Fork	1025.1	61.7 (6)	15.6	77.3
Upper Green	6825.6	1050.3 (15.4)	15.1	1065.4
Big Sandy	488.2	0 (0)	0.0	0.0
Blacks Fork	1341.4	215.2 (16)	1.5	216.7

(continued)

GMU / HUC-8	Historic range km	Historic occupied km (%)	Additional km	Current Range km
Muddy	535.4	42.2 (7.9)	0.0	42.2
New Fork	584.3	0 (0)	0.0	0.0
Upper Green	2474.2	479.5 (19.4)	6.9	486.4
Upper Green-Flaming Gorge Reservoir	1196.8	313.4 (26.2)	6.7	320.1
Upper Green-Slate	112.5	0 (0)	0.0	0.0
Vermilion	92.7	0 (0)	0.0	0.0
Yampa	4181.2	686.1 (16.4)	31.3	717.4
Little Snake	827.8	216.2 (26.1)	20.2	236.4
Lower White	141.7	29.7 (21)	0.1	29.8
Lower Yampa	81.2	17.9 (22)	1.3	19.2
Muddy	105.1	32.7 (31.1)	0.1	32.8
Piceance-Yellow	106.7	12.9 (12.1)	0.0	12.9
Upper White	844.2	91.8 (10.9)	1.9	93.7
Upper Yampa	2074.6	284.9 (13.7)	7.8	292.7

¹ CRCT occupy 3,615 km of stream habitat as of 2015, which includes 394 km outside of historic habitat.

Table 5: (2010 Assessment Pg. 13)

Distribution of habitat patch lengths (km) occupied by stream-dwelling CRCT conservation populations. Lake populations were not included in this analysis.

Patch Length	2010	2015
0.0 - 1.0	17	18
1.1 - 2.0	36	39
2.1 - 4.0	79	84
4.1 - 10.0	117	130
10.1 - 20.0	62	60
20.1 - 30.0	19	18
30.1 - 40.0	6	3
40.1 - 50.0	1	3
50.1 - 70.0	6	5
70.1 - 90.0	3	4
>= 90.1	2	3

Table 6: (2010 Assessment Pg. 13)

Characteristics of CRCT conservation populations in 2005, 2010 and 2015. N is the number of conservation populations, stream habitat occupied is presented in km, lake habitat occupied is presented in ha. Median patch length and associated range of values (min - max) are for stream populations only. Information on lake occupancy was not available in 2005.

GMU	Year	N	Stream habitat occupied km	Lake habitat occupied ha	Median patch length km (range)
Dolores	2005	4	23.0	0.0	5.8 (3.6-7.7)
Dolores	2010	10	56.0	0.0	5.2 (2.7-8.1)
Dolores	2015	20	94.7	9.3	5.5 (1.33-9.4)
Gunnison	2005	25	149.0	0.0	5.3 (0.2-19.6)
Gunnison	2010	36	196.0	6.0	4.4 (0.2-20.2)
Gunnison	2015	38	220.1	5.8	4.3 (0.21-20.5)
Lower Colorado	2005	14	80.0	0.0	4.7 (0.5-21.7)
Lower Colorado	2010	21	84.0	7.0	2 (0.5-23.5)
Lower Colorado	2015	24	87.9	7.7	2 (0.45-23.1)
Lower Green	2005	26	495.0	0.0	11.7 (0.7-95.6)
Lower Green	2010	39	638.0	146.0	10.1 (1.4-96.4)
Lower Green	2015	38	646.8	145.9	10.1 (1.73-95.5)
San Juan	2005	12	67.0	0.0	4.2 (1.3-13.8)
San Juan	2010	15	80.0	1.0	3.7 (1.3-14.2)
San Juan	2015	23	125.1	1.2	3.8 (1.29-17.4)
Upper Colorado	2005	75	485.0	0.0	5 (0.3-28.6)
Upper Colorado	2010	101	605.0	35.0	5 (0.12-26)
Upper Colorado	2015	107	657.9	35.4	5 (0.12-25.3)
Upper Green	2005	76	1047.0	0.0	9 (0.03-105.6)
Upper Green	2010	75	1073.0	417.0	9 (0.03-101.7)
Upper Green	2015	67	1065.4	416.9	8.4 (0.03-99.9)
Yampa	2005	53	545.0	0.0	5.5 (0.7-60.4)
Yampa	2010	64	671.0	17.0	5.1 (0.3-78.1)
Yampa	2015	67	717.4	17.1	5.6 (0.31-85.3)
Total	2005	285	2891.0	0.0	6 (0.03-105.6)
Total	2010	361	3403.0	629.0	5.7 (0.03-101.7)
Total	2015	384	3615.3	639.3	5.5 (0.03-99.9)

Table 7: (2010 Assessment Pg. 13)

Distribution of barriers among CRCT conservation populations by GMU in 2005, 2010 and 2015.

GMU	Year	Complete	Partial	None	Unknown
Dolores	2005	2	0	2	0
Dolores	2010	5	1	4	0
Dolores	2015	6	1	0	0
Gunnison	2005	9	2	14	0
Gunnison	2010	13	6	14	3
Gunnison	2015	18	8	0	1
Lower Colorado	2005	13	0	1	0
Lower Colorado	2010	16	1	4	0
Lower Colorado	2015	20	1	0	0
Lower Green	2005	15	4	7	0
Lower Green	2010	17	5	17	0
Lower Green	2015	25	9	0	1
San Juan	2005	25	4	52	2
San Juan	2010	24	6	42	3
San Juan	2015	24	0	0	1
Upper Colorado	2005	11	0	0	1
Upper Colorado	2010	13	0	1	1
Upper Colorado	2015	53	17	0	13
Upper Green	2005	38	15	22	6
Upper Green	2010	43	11	41	6
Upper Green	2015	78	4	0	4
Yampa	2005	26	2	26	1
Yampa	2010	27	7	26	4
Yampa	2015	49	12	0	4
Total	2005	139	27	124	10
Total	2010	158	37	149	17
Total	2015	273	52	0	24

Table 8: (2010 Assessment Pg. 14)

Connectivity of CRCT conservation populations for each GMU. For each connectivity level data are presented as number of populations; stream km; lake ha. There are no lake data for 2005.

GMU	Connectivity	Year	Total Con. Pops.	N	km	ha
Dolores	Isolated	2005	4	4	23	0
Dolores	Isolated	2010	10	9	49	0
Dolores	Isolated	2015	20	15	69	7
Dolores	Weak	2005	4	0	0	0
Dolores	Weak	2010	10	0	0	0
Dolores	Weak	2015	20	0	0	0
Dolores	Moderate	2005	4	0	0	0
Dolores	Moderate	2010	10	0	0	0
Dolores	Moderate	2015	20	1	9	0
Dolores	Strong	2005	4	0	0	0
Dolores	Strong	2010	10	1	7	0
Dolores	Strong	2015	20	4	17	3
Gunnison	Isolated	2005	25	19	89	0
Gunnison	Isolated	2010	36	29	131	6
Gunnison	Isolated	2015	38	30	150	6
Gunnison	Weak	2005	25	5	53	0
Gunnison	Weak	2010	36	5	43	0
Gunnison	Weak	2015	38	6	47	0
Gunnison	Moderate	2005	25	1	7	0
Gunnison	Moderate	2010	36	2	22	0
Gunnison	Moderate	2015	38	2	22	0
Gunnison	Strong	2005	25	0	0	0
Gunnison	Strong	2010	36	0	0	0
Gunnison	Strong	2015	38	0	0	0
Lower Colorado	Isolated	2005	14	12	56	0
Lower Colorado	Isolated	2010	21	18	54	7
Lower Colorado	Isolated	2015	24	19	51	8
Lower Colorado	Weak	2005	14	2	24	0
Lower Colorado	Weak	2010	21	3	30	0
Lower Colorado	Weak	2015	24	5	37	0
Lower Colorado	Moderate	2005	14	0	0	0
Lower Colorado	Moderate	2010	21	0	0	0
Lower Colorado	Moderate	2015	24	0	0	0
Lower Colorado	Strong	2005	14	0	0	0
Lower Colorado	Strong	2010	21	0	0	0
Lower Colorado	Strong	2015	24	0	0	0
Lower Green	Isolated	2005	26	15	110	0
Lower Green	Isolated	2010	39	21	160	118
Lower Green	Isolated	2015	38	20	160	118
Lower Green	Weak	2005	26	7	119	0
Lower Green	Weak	2010	39	12	170	7
Lower Green	Weak	2015	38	12	170	7
Lower Green	Moderate	2005	26	1	49	0

(continued)

GMU	Connectivity	Year	Total Con. Pops.	N	km	ha
Lower Green	Moderate	2010	39	2	81	0
Lower Green	Moderate	2015	38	2	80	0
Lower Green	Strong	2005	26	3	217	0
Lower Green	Strong	2010	39	4	227	21
Lower Green	Strong	2015	38	4	236	21
San Juan	Isolated	2005	12	11	57	0
San Juan	Isolated	2010	15	14	69	1
San Juan	Isolated	2015	23	20	94	1
San Juan	Weak	2005	12	1	11	0
San Juan	Weak	2010	15	1	11	0
San Juan	Weak	2015	23	2	14	0
San Juan	Moderate	2005	12	0	0	0
San Juan	Moderate	2010	15	0	0	0
San Juan	Moderate	2015	23	1	17	0
San Juan	Strong	2005	12	0	0	0
San Juan	Strong	2010	15	0	0	0
San Juan	Strong	2015	23	0	0	0
Upper Colorado	Isolated	2005	75	59	345	0
Upper Colorado	Isolated	2010	101	82	441	29
Upper Colorado	Isolated	2015	107	86	458	29
Upper Colorado	Weak	2005	75	15	112	0
Upper Colorado	Weak	2010	101	16	116	7
Upper Colorado	Weak	2015	107	18	151	7
Upper Colorado	Moderate	2005	75	1	29	0
Upper Colorado	Moderate	2010	101	1	25	0
Upper Colorado	Moderate	2015	107	1	25	0
Upper Colorado	Strong	2005	75	0	0	0
Upper Colorado	Strong	2010	101	2	23	0
Upper Colorado	Strong	2015	107	2	24	0
Upper Green	Isolated	2005	76	32	276	0
Upper Green	Isolated	2010	75	35	306	62
Upper Green	Isolated	2015	67	32	287	62
Upper Green	Weak	2005	76	33	401	0
Upper Green	Weak	2010	75	31	403	39
Upper Green	Weak	2015	67	27	408	39
Upper Green	Moderate	2005	76	7	137	0
Upper Green	Moderate	2010	75	3	53	1
Upper Green	Moderate	2015	67	3	52	1
Upper Green	Strong	2005	76	4	233	0
Upper Green	Strong	2010	75	6	311	314
Upper Green	Strong	2015	67	5	318	314
Yampa	Isolated	2005	53	36	234	0
Yampa	Isolated	2010	64	47	301	17
Yampa	Isolated	2015	67	47	305	17
Yampa	Weak	2005	53	9	106	0
Yampa	Weak	2010	64	9	90	0

(continued)

GMU	Connectivity	Year	Total Con. Pops.	N	km	ha
Yampa	Weak	2015	67	11	107	0
Yampa	Moderate	2005	53	7	205	0
Yampa	Moderate	2010	64	7	280	0
Yampa	Moderate	2015	67	8	304	0
Yampa	Strong	2005	53	1	1	0
Yampa	Strong	2010	64	0	0	0
Yampa	Strong	2015	67	1	1	0
Total	Isolated	2005	284	188	1190	0
Total	Isolated	2010	361	256	1511	240
Total	Isolated	2015	384	269	1575	247
Total	Weak	2005	284	72	826	0
Total	Weak	2010	361	76	1063	53
Total	Weak	2015	384	81	935	53
Total	Moderate	2005	284	17	427	0
Total	Moderate	2010	361	15	461	1
Total	Moderate	2015	384	18	510	1
Total	Strong	2005	284	7	450	0
Total	Strong	2010	361	13	561	335
Total	Strong	2015	384	16	596	337

Table 9: (2010 Assessment Pg. 15)

Conservation populations in allopatry and sympatry within GMUs in 2005, 2010 and 2015. A valid stocking record indicates there is the potential for hybridization. In 2005, conservation populations having either a historic stocking record or confirmed non-native presence were pooled. Within each column data are formatted as number of populations; stream km; lake ha. There are no lake data for 2005.

GMU	N	km	ha
Non-Natives Absent, 2005			
Dolores	1	13	0
Gunnison	13	73	0
Lower Colorado	8	46	0
Lower Green	8	253	0
San Juan	7	54	0
Upper Colorado	32	280	0
Upper Green	24	362	0
Yampa	22	275	0
Non-Natives Present, 2005			
Dolores	3	13	0
Gunnison	12	131	0
Lower Colorado	6	68	0
Lower Green	18	401	0
San Juan	5	26	0
Upper Colorado	43	424	0
Upper Green	52	1224	0
Yampa	31	550	0

(continued)

GMU	N	km	ha
Non-Natives Absent, No Stocking Record, 2010			
Dolores	4	25	0
Gunnison	14	45	6
Lower Colorado	12	44	1
Lower Green	14	128	13
San Juan	8	43	1
Upper Colorado	40	181	18
Upper Green	27	171	15
Yampa	33	0	0
Non-Natives Absent, Historic Stocking Record, 2010			
Dolores	1	5	0
Gunnison	6	40	0
Lower Colorado	3	7	0
Lower Green	3	117	0
San Juan	3	18	0
Upper Colorado	17	99	14
Upper Green	12	161	0
Yampa	11	90	0
Non-Natives Present, Historic Stocking Record, 2010			
Dolores	5	27	0
Gunnison	16	112	0
Lower Colorado	6	33	6
Lower Green	22	392	133
San Juan	4	19	0
Upper Colorado	44	326	3
Upper Green	36	741	402
Yampa	20	420	17
Non-Natives Absent, No Stocking Record, 2015			
Dolores	8	27	9
Gunnison	14	46	6
Lower Colorado	13	35	0
Lower Green	9	96	2
San Juan	7	31	0
Upper Colorado	39	186	3
Upper Green	13	86	44
Yampa	30	136	2
Non-Natives Absent, Historic Stocking Record, 2015			
Dolores	5	33	0
Gunnison	2	10	0
Lower Colorado	1	0	1
Lower Green	4	130	0
San Juan	4	19	0
Upper Colorado	15	62	4
Upper Green	3	20	0
Yampa	10	229	0
Non-Natives Present, No Stocking Record, 2015			
Dolores	5	23	1
Gunnison	11	74	0
Lower Colorado	3	8	0

(continued)

GMU	N	km	ha
Lower Green	8	155	0
San Juan	9	51	0
Upper Colorado	24	156	6
Upper Green	23	228	221
Yampa	15	111	16
Non-Natives Present, Historic Stocking Record, 2015			
Dolores	2	12	0
Gunnison	11	89	0
Lower Colorado	7	45	7
Lower Green	17	265	144
San Juan	3	24	1
Upper Colorado	29	254	23
Upper Green	28	732	352
Yampa	12	241	0

Table 10: (2010 Assessment Pg. 15)

Life history diversity of CRCT conservation populations within each GMU. Conservation Populations noted as Lacustrine below, were noted as Adfluvial in the 2010 Assessment.

GMU	Year	Resident	Fluvial	Lacustrine	Res; Flu	Res; Lac	Res; Flu; Lac	Total
Dolores	2010	10	0	0	0	0	0	10
Dolores	2015	20	0	0	0	0	0	20
Gunnison	2010	35	0	1	0	0	0	36
Gunnison	2015	37	0	1	0	0	0	38
Lower Colorado	2010	19	0	1	0	1	0	21
Lower Colorado	2015	21	0	2	0	1	0	24
Lower Green	2010	35	0	2	1	0	1	39
Lower Green	2015	34	0	2	1	0	1	38
San Juan	2010	15	0	0	0	0	0	15
San Juan	2015	23	0	0	0	0	0	23
Upper Colorado	2010	97	1	2	0	0	0	100
Upper Colorado	2015	104	1	2	0	0	0	107
Upper Green	2010	69	0	2	2	2	0	75
Upper Green	2015	61	0	2	2	2	0	67
Yampa	2010	61	1	0	2	2	0	66
Yampa	2015	62	3	0	0	2	0	67
Total	2010	341	2	8	5	5	1	362
Total	2015	362	4	9	3	5	1	384

Table 11: (2010 Assessment Pg. 16)

Genetic status of CRCT conservation populations in 2010 and 2015 by GMU. Data are presented as stream km occupied by populations of each genetic status. Populations were classified either with molecular data or based on their past stocking history such that the resulting population is likely pure (Suspected unaltered, SusUn), hybridized (Potentially hybridized, PotHyb), or composed of mixed stock of native and nonnative species (Mixed).

GMU	Year	Unaltered	90-99%	80-89%	<80%	SusUn	PotHyb	Mixed	Total
Dolores	2010	29.8	21.7	0.0	0.0	0.0	0.0	4.3	55.8
Dolores	2015	25.9	60.8	0.0	0.0	2.2	5.8	0.0	94.7
Dolores	Change	-3.9	39.1	0.0	0.0	2.2	5.8	-4.3	38.9
Gunnison	2010	76.1	64.9	6.5	0.0	15.5	39.7	10.1	212.8
Gunnison	2015	87.3	75.2	6.4	5.7	10.6	34.9	0.0	220.1
Gunnison	Change	11.2	10.3	-0.1	5.7	-4.9	-4.8	-10.1	7.3
Lower Colorado	2010	78.5	0.0	0.0	0.0	0.0	5.2	0.0	83.7
Lower Colorado	2015	82.9	0.0	0.0	0.0	0.0	5.1	0.0	87.9
Lower Colorado	Change	4.4	0.0	0.0	0.0	0.0	0.0	0.0	4.4
Lower Green	2010	404.7	64.6	0.0	23.9	92.9	51.8	0.0	637.9
Lower Green	2015	413.0	92.3	0.0	43.4	66.3	31.8	0.0	646.8
Lower Green	Change	8.3	27.7	0.0	19.5	-26.6	-20.0	0.0	8.9
San Juan	2010	51.8	19.1	0.0	0.0	6.4	3.1	0.0	80.4
San Juan	2015	76.7	37.0	0.0	0.0	0.0	11.5	0.0	125.1
San Juan	Change	24.9	17.9	0.0	0.0	-6.4	8.4	0.0	44.7
Upper Colorado	2010	242.0	128.3	0.1	28.5	81.9	124.3	0.0	605.1
Upper Colorado	2015	226.9	256.7	7.5	0.0	42.8	101.5	22.5	657.9
Upper Colorado	Change	-15.1	128.4	7.4	-28.5	-39.1	-22.8	22.5	52.8
Upper Green	2010	320.3	128.3	36.4	20.8	242.1	229.5	95.8	1073.2
Upper Green	2015	337.0	163.1	40.7	47.7	170.9	192.7	104.4	1056.4
Upper Green	Change	16.7	34.8	4.3	26.9	-71.2	-36.8	8.6	-16.8
Yampa	2010	312.9	240.8	4.0	0.0	56.4	56.8	0.0	670.9
Yampa	2015	306.8	263.5	27.5	0.0	62.0	57.6	0.0	717.4
Yampa	Change	-6.1	22.7	23.5	0.0	5.6	0.8	0.0	46.5

Table 12: (2010 Assessment Pg. 17)

Genetic status of lake populations of CRCT in 2010 and 2015 by GMU. Data are presented as hectares occupied by populations of each genetic status. Populations were classified either with molecular data or based on their past stocking history such that the resulting population is likely pure (Suspected unaltered, SusUn), hybridized (Potentially hybridized, PotHyb), or composed of mixed stock of native and nonnative species (Mixed).

GMU	Year	Unaltered	90-99%	80-89%	<80%	SusUn	PotHyb	Mixed	Total
Dolores	2010	0.0	0.0	0	0	0.0	0.0	0	0.0
Dolores	2015	9.3	0.0	0	0	0.0	0.0	0	9.3
Dolores	Change	9.3	0.0	0	0	0.0	0.0	0	9.3
Gunnison	2010	6.0	0.0	0	0	0.0	0.0	0	6.0
Gunnison	2015	5.8	0.0	0	0	0.0	0.0	0	5.8
Gunnison	Change	-0.2	0.0	0	0	0.0	0.0	0	-0.2
Lower Colorado	2010	7.0	0.0	0	0	0.0	0.0	0	7.0
Lower Colorado	2015	7.7	0.0	0	0	0.0	0.0	0	7.7
Lower Colorado	Change	0.7	0.0	0	0	0.0	0.0	0	0.7
Lower Green	2010	48.0	12.0	0	0	62.0	24.0	0	146.0
Lower Green	2015	66.8	0.0	0	0	55.0	24.1	0	145.9
Lower Green	Change	18.8	-12.0	0	0	-7.0	0.1	0	-0.1
San Juan	2010	0.0	1.0	0	0	0.0	0.0	0	1.0
San Juan	2015	1.2	0.0	0	0	0.0	0.0	0	1.2
San Juan	Change	1.2	-1.0	0	0	0.0	0.0	0	0.2
Upper Colorado	2010	29.0	1.0	0	0	6.0	10.0	0	46.0
Upper Colorado	2015	28.1	0.8	0	0	6.5	0.0	0	35.4
Upper Colorado	Change	-0.9	-0.2	0	0	0.5	-10.0	0	-10.6
Upper Green	2010	26.0	25.0	0	0	118.0	248.0	0	417.0
Upper Green	2015	27.2	86.2	0	0	71.4	232.2	0	416.9
Upper Green	Change	1.2	61.2	0	0	-46.6	-15.8	0	-0.1
Yampa	2010	2.0	0.0	0	0	16.0	0.0	0	18.0
Yampa	2015	1.6	0.0	0	0	15.5	0.0	0	17.1
Yampa	Change	-0.4	0.0	0	0	-0.5	0.0	0	-0.9

Table 13: (2010 Assessment Pg. 17)

Density categories, reported in units of sexually mature CRCT per mile, of conservation population-occupied stream habitat (km) by state for reporting periods 2005, 2010 and 2015 are shown in addition change since 2010.

State	Density	2005 (km)	2010 (km)	2015 (km)	Change (2010-2015 in km)
Colorado	0-50	163.1	254.4	236.1	-18.3
Colorado	51-150	266.3	456.4	508.6	52.2
Colorado	151-400	379.3	296.4	494.7	198.3
Colorado	>400	64.8	166.9	192.3	25.4
Colorado	Unknown Density	272.4	157.4	197.0	39.6
Colorado	Total	1145.9	1431.7	1628.7	197.0
Utah	0-50	251.8	253.6	245.4	-8.2
Utah	51-150	159.4	233.0	217.4	-15.6
Utah	151-400	175.4	258.3	306.8	48.5
Utah	>400	116.8	186.1	185.4	-0.7
Utah	Unknown Density	235.9	174.2	162.7	-11.5
Utah	Total	939.3	1105.3	1117.8	12.5
Wyoming	0-50	207.0	151.6	177.0	25.4
Wyoming	51-150	209.1	242.2	323.8	81.6
Wyoming	151-400	189.8	187.7	159.4	-28.3
Wyoming	>400	119.8	102.5	46.5	-56.0
Wyoming	Unknown Density	91.2	182.0	161.9	-20.1
Wyoming	Total	816.9	865.9	868.6	2.7

Table 14: (2010 Assessment Pg. 19)

Density categories, reported in units of adult CRCT per mile, of conservation population-occupied stream habitat (km) by GMU for 2005, 2010 and 2015.

GMU	Density	2005 (km)	2010 (km)	2015 (km)	Change (2010-2015 in km)
Dolores	0-50	5.3	4.9	4.8	-0.1
Dolores	51-150	3.7	31.9	45.2	13.3
Dolores	151-400	6.6	19.1	36.6	17.5
Dolores	>400	0.0	0.0	2.2	0.0
Dolores	Unknown Density	7.9	0.0	5.8	5.8
Dolores	Total	23.5	55.9	94.7	38.8
Gunnison	0-50	30.0	61.0	37.2	-23.8
Gunnison	51-150	42.2	46.5	62.8	16.3
Gunnison	151-400	47.3	53.6	67.7	14.1
Gunnison	>400	0.0	21.7	39.2	17.5
Gunnison	Unknown Density	30.2	13.3	13.3	0.0
Gunnison	Total	149.7	196.2	220.1	23.9
Lower Colorado	0-50	16.5	5.7	5.7	0.0
Lower Colorado	51-150	30.8	28.4	27.9	-0.5
Lower Colorado	151-400	10.4	17.5	19.1	1.6
Lower Colorado	>400	22.5	29.8	29.8	0.0
Lower Colorado	Unknown Density	0.7	2.3	5.4	3.1
Lower Colorado	Total	80.9	83.7	87.9	4.2
Lower Green	0-50	222.8	224.9	198.9	-26.0
Lower Green	51-150	81.9	146.1	142.0	-4.1
Lower Green	151-400	80.1	104.1	132.3	28.2
Lower Green	>400	7.1	49.7	60.8	11.1
Lower Green	Unknown Density	102.6	1132.0	112.8	-1019.2
Lower Green	Total	494.5	637.9	646.8	8.9
San Juan	0-50	0.0	0.0	18.1	0.0
San Juan	51-150	32.0	30.4	36.4	6.0
San Juan	151-400	18.8	18.1	23.8	5.7
San Juan	>400	16.4	25.8	22.6	-3.2
San Juan	Unknown Density	0.0	6.0	24.2	18.2
San Juan	Total	67.2	80.3	125.1	44.8
Upper Colorado	0-50	77.0	92.4	88.8	-3.6
Upper Colorado	51-150	97.8	177.3	173.6	-3.7
Upper Colorado	151-400	171.4	126.7	186.7	60.0
Upper Colorado	>400	11.5	111.3	111.4	0.1
Upper Colorado	Unknown Density	127.8	97.3	97.4	0.1
Upper Colorado	Total	485.5	605.0	657.9	52.9
Upper Green	0-50	171.2	128.8	143.2	14.4
Upper Green	51-150	192.1	231.7	301.9	70.2
Upper Green	151-400	278.2	291.9	292.4	0.5
Upper Green	>400	187.0	197.7	130.1	-67.6
Upper Green	Unknown Density	223.7	223.0	188.9	-34.1

(continued)

GMU	Density	2005 (km)	2010 (km)	2015 (km)	Change (2010-2015 in km)
Upper Green	Total	1052.1	1073.1	1056.4	-16.7
Yampa	0-50	99.1	141.9	152.9	11.0
Yampa	51-150	154.2	239.6	260.0	20.4
Yampa	151-400	131.7	211.5	202.3	-9.2
Yampa	>400	57.1	19.4	28.2	8.8
Yampa	Unknown Density	103.6	58.5	74.0	15.5
Yampa	Total	548.7	670.8	717.4	46.6

Table 15: (2010 Assessment Pg. 20)

Quality of habitat patches occupied by conservation populations in Colorado, Utah, and Wyoming in 2005, 2010 and 2015.

State	Habitat	2005 (km)	2010 (km)	2015 (km)	Change (2010-2015 in km)
Colorado	Excellent	150.1	243.0	261.5	18.5
Colorado	Good	642.8	783.1	859.4	76.3
Colorado	Fair	234.5	324.7	415.1	90.4
Colorado	Poor	77.6	62.6	76.2	13.6
Colorado	Unknown	40.8	18.3	16.6	-1.7
Colorado	Total	1145.8	1431.7	1628.8	197.1
Utah	Excellent	210.0	270.1	230.9	-39.2
Utah	Good	374.5	447.9	453.9	6.0
Utah	Fair	249.7	253.2	294.1	40.9
Utah	Poor	57.4	85.1	90.2	5.1
Utah	Unknown	47.7	49.1	48.8	-0.3
Utah	Total	939.3	1105.4	1118.0	12.6
Wyoming	Excellent	63.5	76.5	74.5	-2.0
Wyoming	Good	294.8	356.1	318.8	-37.3
Wyoming	Fair	357.8	331.4	403.6	72.2
Wyoming	Poor	64.1	76.7	70.3	-6.4
Wyoming	Unknown	36.7	25.2	1.4	-23.8
Wyoming	Total	816.9	865.9	868.5	2.6

Table 16: (2010 Assessment Pg. 20)

Habitat quality of habitat (km) occupied by CRCT conservation populations in 2005, 2010 and 2015 by GMU.

GMU	Habitat	2005 (km)	2010 (km)	2015 (km)	Change (2010-2015 in km)
Dolores	Excellent	0.0	0.0	9.4	0.0
Dolores	Good	7.9	39.3	62.8	23.5
Dolores	Fair	15.6	16.6	22.4	5.8
Dolores	Poor	0.0	0.0	0.0	0.0
Dolores	Unknown	0.0	0.0	0.0	0.0
Dolores	Total	23.5	55.9	94.6	38.7
Gunnison	Excellent	18.4	34.3	34.5	0.2
Gunnison	Good	103.8	124.2	133.3	9.1
Gunnison	Fair	26.5	36.6	51.2	14.6
Gunnison	Poor	1.0	1.0	1.0	0.0
Gunnison	Unknown	0.0	0.0	0.0	0.0
Gunnison	Total	149.7	196.2	220.0	23.8
Lower Colorado	Excellent	19.3	19.2	18.8	-0.4
Lower Colorado	Good	30.1	35.6	33.6	-2.0
Lower Colorado	Fair	21.4	21.2	24.6	3.4
Lower Colorado	Poor	10.1	7.7	10.8	3.1
Lower Colorado	Unknown	0.0	0.0	0.0	0.0
Lower Colorado	Total	80.9	83.7	87.8	4.1
Lower Green	Excellent	3.5	5.8	5.8	0.0
Lower Green	Good	176.1	304.5	303.8	-0.7
Lower Green	Fair	220.4	215.3	222.9	7.6
Lower Green	Poor	47.3	65.6	67.8	2.2
Lower Green	Unknown	47.3	46.7	46.4	-0.3
Lower Green	Total	494.5	637.9	646.7	8.8
San Juan	Excellent	23.1	24.0	23.2	-0.8
San Juan	Good	35.4	46.7	86.5	39.8
San Juan	Fair	8.7	9.6	15.5	5.9
San Juan	Poor	0.0	0.0	0.0	0.0
San Juan	Unknown	0.0	0.0	0.0	0.0
San Juan	Total	67.2	80.3	125.2	44.9
Upper Colorado	Excellent	76.4	134.9	145.6	10.7
Upper Colorado	Good	253.2	283.6	277.3	-6.3
Upper Colorado	Fair	90.9	157.1	201.9	44.8
Upper Colorado	Poor	32.7	19.9	25.2	5.3
Upper Colorado	Unknown	32.4	9.5	7.7	-1.8
Upper Colorado	Total	485.5	605.0	657.7	52.7
Upper Green	Excellent	201.1	255.4	214.2	-41.2
Upper Green	Good	422.3	411.6	384.7	-26.9
Upper Green	Fair	328.8	290.2	371.9	81.7
Upper Green	Poor	62.7	88.5	81.8	-6.7
Upper Green	Unknown	37.1	27.5	3.8	-23.7
Upper Green	Total	1052.1	1073.1	1056.4	-16.7

(continued)

GMU	Habitat	2005 (km)	2010 (km)	2015 (km)	Change (2010-2015 in km)
Yampa	Excellent	82.0	116.0	115.3	-0.7
Yampa	Good	283.4	341.5	341.0	-0.5
Yampa	Fair	129.7	162.9	202.3	39.4
Yampa	Poor	45.2	41.7	49.9	8.2
Yampa	Unknown	8.0	8.8	8.9	0.1
Yampa	Total	548.7	670.8	717.4	46.6

Table 17: (2010 Assessment Pg. 21)

Width (ft) of stream habitat occupied by CRCT conservation populations by GMU.

GMU	Width	2005 (km)	2010 (km)	2015 (km)	Change (2010-2015 in km)
Dolores	<5	9.1	14.8	16.7	1.9
Dolores	5-10	14.5	32.3	49.0	16.7
Dolores	10-15	0.0	8.8	29.0	20.2
Dolores	15-20	0.0	0.0	0.0	0.0
Dolores	20-25	0.0	0.0	0.0	0.0
Dolores	>25	0.0	0.0	0.0	0.0
Dolores	Unknown	0.0	0.0	0.0	0.0
Dolores	Total	23.5	55.9	94.7	38.8
Gunnison	<5	35.1	28.7	54.5	25.8
Gunnison	5-10	80.1	106.3	100.6	-5.7
Gunnison	10-15	33.8	48.1	52.1	4.0
Gunnison	15-20	0.0	13.0	12.9	-0.1
Gunnison	20-25	0.0	0.0	0.0	0.0
Gunnison	>25	0.0	0.0	0.0	0.0
Gunnison	Unknown	0.7	0.0	0.0	0.0
Gunnison	Total	149.7	196.2	220.1	23.9
Lower Colorado	<5	7.0	8.2	15.1	6.9
Lower Colorado	5-10	37.6	38.0	42.8	4.8
Lower Colorado	10-15	30.3	31.6	24.2	-7.4
Lower Colorado	15-20	1.0	0.8	0.8	0.0
Lower Colorado	20-25	5.0	5.2	5.1	-0.1
Lower Colorado	>25	0.0	0.0	0.0	0.0
Lower Colorado	Unknown	0.0	0.0	0.0	0.0
Lower Colorado	Total	80.9	83.7	88.0	4.3
Lower Green	<5	80.8	129.8	118.0	-11.8
Lower Green	5-10	190.1	266.7	265.2	-1.5
Lower Green	10-15	118.9	119.8	127.8	8.0
Lower Green	15-20	11.6	23.2	23.7	0.5
Lower Green	20-25	29.2	35.1	48.7	13.6
Lower Green	>25	3.9	3.9	4.0	0.1
Lower Green	Unknown	59.9	59.5	59.3	-0.2

(continued)

GMU	Width	2005 (km)	2010 (km)	2015 (km)	Change (2010-2015 in km)
Lower Green	Total	494.5	637.9	646.7	8.8
San Juan	<5	0.0	0.0	0.0	0.0
San Juan	5-10	33.1	39.4	63.2	23.8
San Juan	10-15	0.0	5.6	15.1	9.5
San Juan	15-20	20.2	21.1	32.6	11.5
San Juan	20-25	13.9	14.2	14.1	-0.1
San Juan	>25	0.0	0.0	0.0	0.0
San Juan	Unknown	0.0	0.0	0.0	0.0
San Juan	Total	67.2	80.2	125.0	44.8
Upper Colorado	<5	21.7	54.3	69.3	15.0
Upper Colorado	5-10	249.2	310.2	332.8	22.6
Upper Colorado	10-15	97.4	144.5	156.7	12.2
Upper Colorado	15-20	53.1	47.7	53.9	6.2
Upper Colorado	20-25	31.4	29.5	29.2	-0.3
Upper Colorado	>25	54.1	7.6	7.4	-0.2
Upper Colorado	Unknown	32.7	11.2	8.6	-2.6
Upper Colorado	Total	539.6	605.0	657.9	52.9
Upper Green	<5	185.8	246.1	234.9	-11.2
Upper Green	5-10	439.8	398.5	354.0	-44.5
Upper Green	10-15	171.5	133.5	111.9	-21.6
Upper Green	15-20	119.6	158.4	168.3	9.9
Upper Green	20-25	33.5	44.8	80.7	35.9
Upper Green	>25	0.0	55.4	94.2	38.8
Upper Green	Unknown	47.8	36.4	12.2	-24.2
Upper Green	Total	998.0	1173.1	1056.2	-116.9
Yampa	<5	47.4	81.5	91.5	10.0
Yampa	5-10	259.9	300.8	320.1	19.3
Yampa	10-15	127.3	152.7	154.9	2.2
Yampa	15-20	62.5	79.4	76.3	-3.1
Yampa	20-25	24.2	35.5	43.9	8.4
Yampa	>25	2.3	2.4	2.5	0.1
Yampa	Unknown	25.1	18.5	28.1	9.6
Yampa	Total	548.7	670.8	717.3	46.5

Table 18: (2010 Assessment Pg. 22)

Land management status of occupied habitat by conservation populations in 2005, 2010 and 2015. Change indicates from 2010-2015.

State	Owner	2005 (km)	2005 (ha)	2010 (km)	2010 (ha)	2015 (km)	2015 (ha)	Change (km)	Change (ha)
Colorado	BLM	137	0	131	2	120	2	-11	0
Utah	BLM	4	0	12	0	16	0	4	0
Wyoming	BLM	123	0	123	0	123	0	0	0
Colorado	USFS NonWilderness	606	0	672	8	817	8	145	0
Utah	USFS NonWilderness	637	0	667	202	669	203	2	1
Wyoming	USFS NonWilderness	473	0	500	242	456	242	-44	0
Colorado	USFS Wilderness	234	0	273	26	273	27	0	1
Utah	USFS Wilderness	157	0	189	114	186	114	-3	0
Wyoming	USFS Wilderness	35	0	43	0	44	0	1	0
Colorado	NPS	18	0	12	21	12	21	0	-1
Utah	NPS	1	0	1	0	0	0	-1	0
Wyoming	NPS	0	0	0	0	0	0	0	0
Colorado	Private	279	0	309	2	343	5	34	3
Utah	Private	100	0	120	12	122	12	2	0
Wyoming	Private	148	0	148	0	184	0	36	0
Colorado	State	20	0	35	0	37	7	2	7
Utah	State	25	0	75	0	87	0	12	0
Wyoming	State	38	0	53	0	52	0	-1	0
Colorado	Tribal	0	0	0	0	0	0	0	0
Utah	Tribal	9	0	38	0	38	0	0	0
Wyoming	Tribal	0	0	0	0	0	0	0	0

Table 19: (2010 Assessment Pg. 23)

Risk of genetic contamination for CRCT conservation populations by GMU. N indicates total number of conservation populations. Stream populations are listed as km and lake populations are listed as ha.

GMU	GeneticRisk	2010 N	2015 N	2010 km	2015 km	2010 ha	2015 ha
Dolores	No Risk	1	2	4	10	0	0
Dolores	Low Risk	1	4	6	18	0	0
Dolores	Moderate Risk	7	12	43	55	0	9
Dolores	High Risk	1	2	3	12	0	0
Dolores	Unknown	0	0	0	0	0	0
Gunnison	No Risk	12	12	60	56	6	6
Gunnison	Low Risk	2	4	14	26	0	0
Gunnison	Moderate Risk	21	21	102	118	0	0
Gunnison	High Risk	1	1	20	20	0	0
Gunnison	Unknown	0	0	0	0	0	0
Lower Colorado	No Risk	15	18	69	74	7	8
Lower Colorado	Low Risk	0	0	0	0	0	0
Lower Colorado	Moderate Risk	5	5	9	9	0	0
Lower Colorado	High Risk	1	1	5	5	0	0
Lower Colorado	Unknown	0	0	0	43	0	0
Lower Green	No Risk	22	21	305	304	97	98
Lower Green	Low Risk	2	2	9	9	0	0
Lower Green	Moderate Risk	12	12	286	296	28	28
Lower Green	High Risk	3	3	39	39	21	21
Lower Green	Unknown	0	0	0	39	0	0
San Juan	No Risk	13	21	66	110	1	1
San Juan	Low Risk	0	0	0	0	0	0
San Juan	Moderate Risk	2	2	15	15	0	0
San Juan	High Risk	0	0	0	0	0	0
San Juan	Unknown	0	0	0	0	0	0
Upper Colorado	No Risk	64	66	349	358	32	32
Upper Colorado	Low Risk	8	7	49	45	0	0
Upper Colorado	Moderate Risk	28	32	200	245	4	4
Upper Colorado	High Risk	1	2	8	9	0	0
Upper Colorado	Unknown	0	0	0	12	0	0
Upper Green	No Risk	24	20	126	91	43	43
Upper Green	Low Risk	12	10	154	132	105	105
Upper Green	Moderate Risk	28	27	464	543	40	40
Upper Green	High Risk	12	10	330	299	228	229
Upper Green	Unknown	0	0	0	18	0	0
Yampa	No Risk	31	33	190	206	17	17
Yampa	Low Risk	9	9	91	90	0	0
Yampa	Moderate Risk	21	21	336	359	0	0
Yampa	High Risk	3	3	53	53	0	0
Yampa	Unknown	0	1	0	9	0	0
Total	No Risk	182	193	1169	1209	203	204
Total	Low Risk	34	36	323	320	105	105
Total	Moderate Risk	123	132	1455	1640	72	81
Total	High Risk	22	22	458	437	249	249
Total	Unknown	0	1	0	121	0	0

Table 20: (2010 Assessment Pg. 24)

Risks of genetic contamination for CRCT conservation populations by degree of within population connectivity. N indicates total number of conservation populations. Stream populations are listed as km and lake populations are listed as ha.

Connectivity	GeneticRisk	2010 N	2015 N	2010 km	2015 km	2010 ha	2015 ha
Population Isolated	No Risk	145	153	759	780	196	197
Population Isolated	Low Risk	22	24	124	131	20	20
Population Isolated	Moderate Risk	77	80	484	526	4	10
Population Isolated	High Risk	11	11	144	129	21	21
Population Isolated	Unknown	0	1	0	9	0	0
Weakly Connected	No Risk	31	34	271	293	7	7
Weakly Connected	Low Risk	9	9	121	111	46	0
Weakly Connected	Moderate Risk	30	32	339	412	0	46
Weakly Connected	High Risk	7	6	132	119	0	0
Weakly Connected	Unknown	0	0	0	0	0	0
Moderately Connected	No Risk	2	3	20	38	0	0
Moderately Connected	Low Risk	2	2	17	17	0	0
Moderately Connected	Moderate Risk	8	10	343	375	1	1
Moderately Connected	High Risk	3	3	80	79	0	0
Moderately Connected	Unknown	0	0	0	0	0	0
Strongly Connected	No Risk	4	3	119	99	0	21
Strongly Connected	Low Risk	1	1	61	61	86	86
Strongly Connected	Moderate Risk	8	10	289	327	21	23
Strongly Connected	High Risk	1	2	102	109	229	229
Strongly Connected	Unknown	0	0	0	0	0	0
Total	No Risk	182	193	1169	1209	203	225
Total	Low Risk	34	36	323	320	152	105
Total	Moderate Risk	123	132	1455	1641	26	81
Total	High Risk	22	22	458	437	250	249
Total	Unknown	0	1	0	9	0	0

Table 21: (2010 Assessment Pg. 25)

Ranked risks associated with catastrophic diseases of conservation populations by GMU. N indicates total number of conservation populations. Stream populations are listed as km and lake populations are listed as ha.

GMU	DiseaseRisk	2010 N	2015 N ¹	2010 km	2015 km	2010 ha	2015 ha
Dolores	Limited Risk	1	3	4	11	0	0
Dolores	Minimal Risk	5	10	32	46	0	3
Dolores	Moderate Risk	4	6	19	28	0	7
Dolores	High Risk	0	1	0	9	0	0
Dolores	Infected	0	0	0	0	0	0
Gunnison	Limited Risk	16	16	71	69	0	0
Gunnison	Minimal Risk	11	13	85	111	0	0
Gunnison	Moderate Risk	9	9	40	40	6	6
Gunnison	High Risk	0	0	0	0	0	0
Gunnison	Infected	0	0	0	0	0	0
Lower Colorado	Limited Risk	16	19	39	44	6	6
Lower Colorado	Minimal Risk	2	1	13	1	1	0
Lower Colorado	Moderate Risk	1	0	6	0	0	0
Lower Colorado	High Risk	0	0	0	0	0	0
Lower Colorado	Infected	2	4	26	43	0	1
Lower Green	Limited Risk	31	30	540	535	146	146
Lower Green	Minimal Risk	3	2	53	62	0	0
Lower Green	Moderate Risk	1	1	9	9	0	0
Lower Green	High Risk	1	1	2	2	0	0
Lower Green	Infected	3	4	34	39	0	0
San Juan	Limited Risk	10	18	59	103	1	1
San Juan	Minimal Risk	5	5	22	22	0	0
San Juan	Moderate Risk	0	0	0	0	0	0
San Juan	High Risk	0	0	0	0	0	0
San Juan	Infected	0	0	0	0	0	0
Upper Colorado	Limited Risk	58	60	311	320	29	29
Upper Colorado	Minimal Risk	29	31	169	218	6	6
Upper Colorado	Moderate Risk	11	14	87	104	0	0
Upper Colorado	High Risk	2	1	26	3	0	0
Upper Colorado	Infected	1	1	12	12	0	0
Upper Green	Limited Risk	47	41	552	566	47	47
Upper Green	Minimal Risk	19	17	384	353	242	242
Upper Green	Moderate Risk	7	5	75	65	0	0
Upper Green	High Risk	2	2	61	63	128	128
Upper Green	Infected	0	2	0	18	0	0
Yampa	Limited Risk	36	38	255	296	2	2
Yampa	Minimal Risk	19	19	311	309	16	16
Yampa	Moderate Risk	5	5	61	61	0	0
Yampa	High Risk	2	2	1	1	0	0
Yampa	Infected	2	2	42	41	0	0
Total	Limited Risk	215	225	1831	1944	231	231
Total	Minimal Risk	93	98	1069	1122	265	266
Total	Moderate Risk	38	40	297	308	6	13
Total	High Risk	7	7	90	79	128	128
Total	Infected	8	13	114	153	0	1

¹ One new (2015) conservation population in the Yampa GMU that was designated as "Unknown" disease risk is not included in the table.

Table 22: (2010 Assessment Pg. 26)

Ranked risks associated with diseases for the conservation populations by degree of within population connectivity (networks). N indicates total number of conservation populations. Stream populations are listed as km and lake populations are listed as ha.

Connectivity	DiseaseRisk	2010 N	2015 N	2010 km	2015 km	2010 ha	2015 ha
Population Isolated	Limited Risk	154	162	813	832	156	157
Population Isolated	Minimal Risk	69	71	482	503	35	34
Population Isolated	Moderate Risk	29	28	203	187	6	13
Population Isolated	High Risk	1	1	0	3	43	43
Population Isolated	Infected	2	6	11	41	0	1
Population Isolated	Unknown	0	1	0	9	0	0
Weakly Connected	Limited Risk	48	49	556	601	53	53
Weakly Connected	Minimal Risk	15	16	188	212	0	0
Weakly Connected	Moderate Risk	4	6	25	41	0	0
Weakly Connected	High Risk	5	4	29	7	0	0
Weakly Connected	Infected	5	6	63	74	0	0
Weakly Connected	Unknown	0	0	0	0	0	0
Moderately Connected	Limited Risk	6	8	186	227	0	0
Moderately Connected	Minimal Risk	5	5	190	189	1	1
Moderately Connected	Moderate Risk	3	4	46	56	0	0
Moderately Connected	High Risk	0	0	0	0	0	0
Moderately Connected	Infected	1	1	39	38	0	0
Moderately Connected	Unknown	0	0	0	0	0	0
Strongly Connected	Limited Risk	7	6	276	284	21	21
Strongly Connected	Minimal Risk	4	6	210	218	229	231
Strongly Connected	Moderate Risk	2	2	23	24	0	0
Strongly Connected	High Risk	1	2	61	70	86	86
Strongly Connected	Infected	0	0	0	0	0	0
Strongly Connected	Unknown	0	0	0	0	0	0
Total	Limited Risk	215	225	1831	1944	230	231
Total	Minimal Risk	93	98	1070	1122	265	266
Total	Moderate Risk	38	40	297	308	6	13
Total	High Risk	7	7	90	79	129	128
Total	Infected	8	13	113	153	0	1
Total	Unknown	0	1	0	9	0	0

Table 23: (2010 Assessment Pg. 31)

Population health ratings for stream-dwelling CRCT conservation populations. N indicates total number of conservation populations. Populations are listed as km of stream habitat.

Indicator	Rating	2010 N	2015 N	2010 km	2015 km
Temporal Variability	High	2	5	198	456
Temporal Variability	Moderate-High	14	12	769	656
Temporal Variability	Moderate-Low	87	82	1412	1341
Temporal Variability	Low	245	268	1024	1162
Population Size	High	40	57	1224	1705
Population Size	Moderate-High	112	131	1215	1052
Population Size	Moderate-Low	131	128	656	653
Population Size	Low	65	51	308	205
Production Potential	High	6	106	46	648
Production Potential	Moderate-High	322	253	2902	2879
Production Potential	Moderate-Low	20	8	454	89
Production Potential	Low	0	0	0	0
Population Connectivity	High	14	14	570	596
Population Connectivity	Moderate-High	15	18	461	510
Population Connectivity	Moderate-Low	76	80	863	935
Population Connectivity	Low	243	255	1509	1575
Composite Rating	High	9	29	497	1263
Composite Rating	Moderate-High	100	209	1701	1860
Composite Rating	Moderate-Low	196	127	1065	477
Composite Rating	Low	43	2	140	15

Table 24: (2010 Assessment Pg. 32)

Composite population health rating for stream-dwelling CRCT conservation populations by GMU. N indicates total number of conservation populations. Populations are listed as km of stream habitat.

GMU	Rating	2010 N	2015 N	2010 km	2015 km
Dolores	High	0	0	0	0
Dolores	Moderate-High	0	9	0	57
Dolores	Moderate-Low	10	8	56	38
Dolores	Low	0	0	0	0
Gunnison	High	0	0	0	0
Gunnison	Moderate-High	4	18	52	151
Gunnison	Moderate-Low	28	19	138	69
Gunnison	Low	3	0	7	0
Lower Colorado	High	0	0	0	0
Lower Colorado	Moderate-High	5	9	50	66
Lower Colorado	Moderate-Low	14	13	31	22
Lower Colorado	Low	1	0	2	0
Lower Green	High	3	5	173	298
Lower Green	Moderate-High	14	24	308	300
Lower Green	Moderate-Low	17	7	146	41
Lower Green	Low	4	1	11	8
San Juan	High	0	2	0	30
San Juan	Moderate-High	5	10	47	58
San Juan	Moderate-Low	9	11	29	37
San Juan	Low	1	0	3	0
Upper Colorado	High	1	2	29	42
Upper Colorado	Moderate-High	5	61	258	461
Upper Colorado	Moderate-Low	14	37	270	155
Upper Colorado	Low	1	0	48	0
Upper Green	High	1	13	224	603
Upper Green	Moderate-High	31	34	617	392
Upper Green	Moderate-Low	28	17	182	63
Upper Green	Low	11	1	49	8
Yampa	High	1	7	71	292
Yampa	Moderate-High	16	44	368	374
Yampa	Moderate-Low	36	15	212	51
Yampa	Low	10	0	20	0
Total	High	6	29	497	1263
Total	Moderate-High	80	209	1700	1860
Total	Moderate-Low	156	127	1064	477
Total	Low	31	2	140	15

Table 25: (2010 Assessment Pg. 33)

Composite population health rating for CRCT conservation populations by level of connectivity. N indicates total number of conservation populations. Populations are listed as km of stream habitat.

Connectivity	Rating	2010 N	2015 N	2010 km	2015 km
Strongly Connected	High	6	8	372	536
Strongly Connected	Moderate-High	5	6	169	60
Strongly Connected	Moderate-Low	3	0	29	0
Strongly Connected	Low	0	0	0	0
Moderately Connected	High	1	12	71	450
Moderately Connected	Moderate-High	13	6	378	59
Moderately Connected	Moderate-Low	1	0	12	0
Moderately Connected	Low	0	0	0	0
Weakly Connected	High	2	7	53	216
Weakly Connected	Moderate-High	36	52	585	625
Weakly Connected	Moderate-Low	34	21	201	95
Weakly Connected	Low	4	0	23	0
Population Isolated	High	0	2	0	62
Population Isolated	Moderate-High	46	145	569	1116
Population Isolated	Moderate-Low	158	106	823	382
Population Isolated	Low	39	2	117	15
Total	High	9	29	496	1263
Total	Moderate-High	100	209	1701	1860
Total	Moderate-Low	196	127	1065	477
Total	Low	43	2	140	15

Table 26: (2010 Assessment Pg. 33)

Number and percentage of designated CRCT conservation populations where various land uses were identified. Multiple land uses may be associated with a single conservation population.

LandUse	2005 %	2005 N	2010 %	2010 N	2015 %	2015 N
Angling	71	202	60	216	56	214
De-watering	16	45	15	54	14	54
Fish Stocking (e.g. non-native fish)	4	12	5	17	4	16
Hydroelectric, water storage and/or flood control	1	3	1	3	1	3
Mining	4	12	3	12	3	12
None	1	4	3	9	3	11
Other (list in comments)	13	36	10	37	10	37
Range (Livestock grazing)	68	195	66	237	66	253
Recreation (non-angling)	73	207	68	246	65	249
Roads	42	120	37	132	35	134
Timber Harvest	24	67	21	74	19	74
Unknown	1	3	3	10	3	12

Table 27: (2010 Assessment Pg. 34)

Number of CRCT conservation populations that have had various types of conservation, restoration, and management actions implemented to conserve them. Multiple actions may be associated with a single conservation population.

Conservation Action	2005	2010	2015
Water lease/In-stream flow enhancement	20	27	27
Channel restoration	9	13	14
Bank stabilization	12	13	14
Riparian restoration	7	20	22
Diversion modification	5	8	8
Barrier removal	3	10	9
Barrier construction	51	65	66
Culvert replacement	4	27	3
Installation of fish screens to prevent loss	3	4	4
Fish ladders to provide access	1	1	2
Spawning habitat enhancement	8	14	15
Woody debris placement	3	8	7
Pool development	10	11	12
Increase irrigation efficiency	1	1	1
Grade control	3	4	5
In-stream cover habitat	8	8	9
Re-founding pure population	54	62	60
Riparian fencing	17	26	27
Physical removal of competing/hybridizing species	41	54	55
Chemical removal of competing/hybridizing species	35	51	48
Public outreach efforts at site (Interpretative site)	6	16	12
Population Restoration/Expansion	24	59	71
Population supplementation (e.g. to implement genetic swamping or to reduce potential of bottle necking, etc.)	0	0	6
Special Angling Regulations	140	143	8
Land-use mitigation direction and requirements (e.g. Forest Plan direction, regulation, permit req., coordination stipulations, etc)	60	96	95
Population covered by special protective mgt emphasis (e.g. Nat'l Park, wilderness, special mgt area, conservation easement, etc.)	32	43	44
Other (List in comments)	32	39	39
None	80	96	136

**Appendix C: Population and habitat data for all CRCT populations
regardless of conservation status**

Appendix C Tables -

Appendix C Table 1: (2010 Assessment Pg. 69)

Historic and currently occupied CRCT stream habitat (km) by GMU and fourth-level Hydrologic Unit Code (HUC) as of 2015. Percentage of historic range occupied is overestimated in several HUCs where CRCT have been introduced outside their historic range. GMU's are in bold, HUC8 in plain text.

GMU / HUC8	Historic Range km	Current Range km	% of Historic Range
Dolores	1791	270	15
Lower Dolores	229	77	34
San Miguel	471	68	15
Upper Colorado-Kane Springs	133	0	0
Upper Dolores	916	118	13
Westwater Canyon	42	7	17
Gunnison	4595	626	14
East-Taylor	762	58	8
Lower Gunnison	473	65	14
North Fork Gunnison	661	228	34
Tomichi	707	43	6
Uncompahange	268	74	28
Upper Gunnison	1724	159	9
Lower Colorado	587	122	21
Escalante	175	44	25
Fremont	266	44	17
Muddy	146	34	23
Lower Green	3565	1407	40
Ashley-Brush	254	140	55
Duchesne	908	482	53
Lower Green-Desolation Canyon	244	20	8
Lower Green-Diamond	41	0	0
Price	631	225	36
San Rafael	634	86	14
Strawberry	696	297	43
Willow	158	157	99
San Juan	3392	297	9
Animas	724	174	24
Chinle	269	0	0
Lower San Juan-Four Corners	255	0	0
Mancos	191	0	0
Middle San Juan	249	0	0
Montezuma	35	0	0
Piedra	597	52	9
Upper San Juan	1072	70	7
Upper Colorado	7240	1022	14
Blue	759	95	12
Colorado Headwaters	3342	346	10
Colorado Headwaters-Plateau	934	270	29
Eagle	939	96	10
Parachute-Roan	241	92	38

(continued)

GMU / HUC8	Historic Range km	Current Range km	% of Historic Range
Roaring Fork	1025	123	12
Upper Green	6826	1290	19
Big Sandy	488	0	0
Blacks Fork	1341	260	19
Muddy	535	56	10
New Fork	584	0	0
Upper Green	2474	620	25
Upper Green-Flaming Gorge Reservoir	1197	354	30
Upper Green-Slate	112	0	0
Vermilion	93	0	0
Yampa	4181	818	20
Little Snake	828	242	29
Lower White	142	31	22
Lower Yampa	81	19	24
Muddy	105	33	31
Piceance-Yellow	107	13	12
Upper White	844	156	18
Upper Yampa	2075	323	16

Appendix C Table 2: (2010 Assessment Pg. 71)

Genetic status of CRCT summarized as stream km and lake ha within each genetic status category for both 2010 and 2015. SusUn – suspected unaltered, not tested; PotHyb – potentially altered, not tested; Mixed – mixed stock of altered and unaltered genetics. % Current range is the percentage of the total CRCT current range included in each genetic category. % Historic range is the percentage of the total CRCT historic range included in each genetic category and includes current range that is outside estimated historic range. % Historic range are not available for lake populations.

Genetic Status	Current Range km 2015	Current Range ha 2015	% Current Range km 2015	% Current Range ha 2015	% Historic Range km 2015	Current Range km 2010	Current Range ha 2010	% Current Range km 2010	% Current Range ha 2010	% Historic Range km 2010
Unaltered	1630	228.2	28	19	5.1	1522	197	27	16.9	4.7
90% - 99%	1127	127.7	19	11	3.5	961	40	17	3.4	3.0
80% - 89%	165	0.6	3	0	0.5	135	1	2	0.1	0.4
< 80%	410	131.3	7	11	1.3	308	209	5	18.0	1.0
SusUn	536	161.8	9	13	1.7	647	215	11	18.5	2.0
PotHyb	1810	522.8	31	43	5.6	1926	501	34	43.1	6.0
Mixed	174	37.7	3	3	0.5	181	0	3	0.0	0.6
Total	5852	1210.1	100	100	18.2	5680	1163	100	100.0	17.7

Appendix C Table 3: (2010 Assessment Pg. 72)

CRCT genetic status for populations within each GMU in 2010 and 2015. Data are summarized as stream km within each genetic status category. SusUn – suspected unaltered, not tested; PotHyb – potentially hybridized, not tested; Mixed – mixed stock of altered and unaltered genetics.

GMU	Year	Unaltered	90-99%	80-89%	<80%	SusUn	PotHyb	Mixed	Total
Dolores	2010	34.7	21.7	15.0	29.3	0.0	85.9	4.4	191.0
Dolores	2015	25.9	73.9	36.7	29.9	2.2	91.3	10.3	270.2
Dolores	Change	-8.8	52.2	21.7	0.6	2.2	5.4	5.9	79.2
Gunnison	2010	85.5	75.8	8.5	54.7	68.8	307.4	29.6	630.3
Gunnison	2015	95.2	124.5	19.2	100.0	41.6	237.4	8.2	626.1
Gunnison	Change	9.7	48.7	10.7	45.3	-27.2	-70.0	-21.4	-4.2
Lower Colorado	2010	80.6	0.0	0.0	17.9	10.5	10.5	0.0	119.5
Lower Colorado	2015	82.9	0.0	0.0	18.0	10.8	10.4	0.0	122.1
Lower Colorado	Change	2.3	0.0	0.0	0.1	0.3	-0.1	0.0	2.6
Lower Green	2010	411.2	89.1	11.7	100.6	155.4	621.7	0.0	1389.7
Lower Green	2015	431.0	116.4	25.5	123.9	117.2	593.2	0.0	1407.2
Lower Green	Change	19.8	27.3	13.8	23.3	-38.2	-28.5	0.0	17.5
San Juan	2010	106.6	19.7	0.0	4.5	16.5	112.6	2.7	262.6
San Juan	2015	109.5	37.7	0.0	4.5	2.9	139.6	2.8	297.0
San Juan	Change	2.9	18.0	0.0	0.0	-13.6	27.0	0.1	34.4
Upper Colorado	2010	242.9	197.9	11.3	42.7	145.9	398.4	37.2	1076.3
Upper Colorado	2015	238.8	329.0	11.0	8.6	79.6	312.0	42.5	1021.5
Upper Colorado	Change	-4.1	131.1	-0.3	-34.1	-66.3	-86.4	5.3	-54.8
Upper Green	2010	320.3	141.2	36.4	93.1	264.4	344.6	96.7	1296.7
Upper Green	2015	337.0	177.9	40.7	120.0	193.6	315.0	105.4	1289.6
Upper Green	Change	16.7	36.7	4.3	26.9	-70.8	-29.6	8.7	-7.1
Yampa	2010	397.3	120.9	38.3	5.2	94.9	130.8	4.5	791.9
Yampa	2015	310.0	267.3	31.6	5.3	87.8	111.1	4.5	817.6
Yampa	Change	-87.3	146.4	-6.7	0.1	-7.1	-19.7	0.0	25.7

Appendix C Table 4: (2010 Assessment Pg. 72)

Genetic status of lake populations of CRCT. Data are summarized as lake ha within each genetic status category. SusUn – suspected unaltered, not tested; PotHyb – potentially hybridized, not tested; Mixed – mixed stock of altered and unaltered genetics.

GMU	Year	Unaltered	90-99%	80-89%	<80%	SusUn	PotHyb	Mixed	Total
Dolores	2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dolores	2015	9.3	0.0	0.0	0.0	0.0	0.0	0.0	9.3
Dolores	Change	9.3	0.0	0.0	0.0	0.0	0.0	0.0	9.3
Gunnison	2010	15.0	0.0	0.0	0.0	5.0	3.0	97.0	120.0
Gunnison	2015	14.5	0.0	0.0	0.0	5.0	3.0	0.0	22.5
Gunnison	Change	-0.5	0.0	0.0	0.0	0.0	0.0	-97.0	-97.5
Lower Colorado	2010	7.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
Lower Colorado	2015	7.7	0.0	0.0	0.0	0.0	0.0	0.0	7.7
Lower Colorado	Change	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7
Lower Green	2010	106.0	12.0	0.0	0.0	70.0	239.0	0.0	427.0
Lower Green	2015	124.4	0.0	0.0	0.0	63.3	276.2	0.0	463.9
Lower Green	Change	18.4	-12.0	0.0	0.0	-6.7	37.2	0.0	36.9
San Juan	2010	1.0	1.0	0.0	0.0	0.0	0.0	0.0	2.0
San Juan	2015	2.8	0.0	0.0	0.0	0.0	0.0	0.0	2.8
San Juan	Change	1.8	-1.0	0.0	0.0	0.0	0.0	0.0	0.8
Upper Colorado	2010	41.0	2.0	0.0	39.0	6.0	10.0	0.0	98.0
Upper Colorado	2015	40.8	2.1	0.0	0.0	6.5	10.1	37.7	97.2
Upper Colorado	Change	-0.2	0.1	0.0	-39.0	0.5	0.1	37.7	-0.8
Upper Green	2010	26.0	25.0	0.0	32.0	118.0	248.0	0.0	449.0
Upper Green	2015	27.2	119.0	0.0	0.0	71.4	232.2	0.0	449.7
Upper Green	Change	1.2	94.0	0.0	-32.0	-46.6	-15.8	0.0	0.7
Yampa	2010	2.0	0.0	1.0	138.0	16.0	1.0	0.0	158.0
Yampa	2015	1.6	6.6	0.6	131.3	15.5	1.3	0.0	157.0
Yampa	Change	-0.4	6.6	-0.4	-6.7	-0.5	0.3	0.0	-1.0

Appendix C Table 5: (2010 Assessment Pg. 75)

Historic Range km is Historically occupied stream habitat. Current Range km within Historic is 2015 occupied stream within historic habitat. ConPop Range km within Historic is length of stream habitat within historic habitat that was occupied by conservation populations in 2015. Current Range ha is 2015 occupied lake habitat in ha. ConPop Range ha is area of lake habitat occupied by conservation populations in 2015.

Elevation Range	Historic Range km	Current Range km within Historic	% Historic Range km Currently Occupied	ConPop Range km within Historic	Current Range ha	ConPop Range ha
< 1,400	4.9	0.0	0.0	0.0	0.0	0.0
1,400-1,600	140.1	0.0	0.0	0.0	0.0	0.0
1,600-1,800	497.2	0.0	0.0	0.0	0.0	0.0
1,800-2,000	3878.0	68.6	1.8	26.1	0.0	0.0
2,000-2,200	5945.8	507.7	8.5	257.2	11.7	11.7
2,200-2,400	6354.0	924.6	14.6	505.5	2.8	2.8
2,400-2,600	6155.2	1302.2	21.2	906.2	0.0	0.0
2,600-2,800	4353.6	1042.1	23.9	558.7	302.9	302.4
2,800-3,000	2795.5	583.6	20.9	435.2	203.2	68.1
3,000-3,200	1415.2	513.4	36.3	376.3	258.8	78.5
3,200-3,400	519.3	205.8	39.6	120.7	338.0	165.1
3,400-3,600	98.6	43.0	43.6	19.7	10.6	2.9
3,600-3,800	17.0	1.4	8.1	0.0	1.2	1.2
> 3,800	2.3	1.5	65.6	0.0	9.7	6.7
Total	32176.8	5194.0	16.1	3205.7	1138.9	639.3

Appendix C Table 6: (2010 Assessment Pg. 77)

Density (number of fish/mile) of sexually mature (> 15 centimeters in total length) Colorado River cutthroat trout occupying stream habitat (length in kilometers, km) compared by state between 2010 and 2015, including percentage change in stream length over time.

State	Density	Current Range km 2015	Current Range km 2010	% Change
Colorado	0 to 50 fish/mi	537.2	618.6	-13.2
Colorado	50 to 150 fish/mi	764.3	687.4	11.2
Colorado	151 to 400 fish/mi	660.0	581.7	13.5
Colorado	> 400 fish/mi	226.8	200.2	13.3
Colorado	Unknown	598.4	544.9	9.8
Colorado	Total	2786.8	2632.8	5.8
Utah	0 to 50 fish/mi	767.3	687.4	11.6
Utah	50 to 150 fish/mi	295.1	333.9	-11.6
Utah	151 to 400 fish/mi	382.7	323.2	18.4
Utah	> 400 fish/mi	263.5	268.7	-2.0
Utah	Unknown	297.4	378.6	-21.5
Utah	Total	2006.0	1991.8	0.7
Wyoming	0 to 50 fish/mi	240.9	224.0	7.6
Wyoming	50 to 150 fish/mi	401.6	323.9	24.0
Wyoming	151 to 400 fish/mi	194.8	230.3	-15.4
Wyoming	> 400 fish/mi	46.5	102.5	-54.7
Wyoming	Unknown	174.9	184.4	-5.2
Wyoming	Total	1058.7	1065.1	-0.6

Appendix C Table 7: (2010 Assessment Pg. 78)

Density (number of fish/mile) of sexually mature (>15 centimeters in total length) Colorado River cutthroat trout occupying stream habitat (length in kilometers, km) for each Geographic Management Unit (GMU) compared between 2010 and 2015, including percent change in stream length over time.

GMU	Density	Current Range km 2015	Current Range km 2010	% Change
Dolores	0 to 50 fish/mi	32.7	37.5	-12.7
Dolores	50 to 150 fish/mi	61.4	48.2	27.3
Dolores	151 to 400 fish/mi	94.9	61.3	54.7
Dolores	> 400 fish/mi	14.1	11.9	18.8
Dolores	Unknown	67.2	32.2	108.7
Dolores	Total	270.3	191.1	41.4
Gunnison	0 to 50 fish/mi	111.6	141.9	-21.3
Gunnison	50 to 150 fish/mi	157.4	134.2	17.3
Gunnison	151 to 400 fish/mi	131.0	118.3	10.7
Gunnison	> 400 fish/mi	67.0	39.8	68.3
Gunnison	Unknown	159.1	166.4	-4.4
Gunnison	Total	626.1	600.6	4.2
Lower Colorado	0 to 50 fish/mi	19.9	19.6	1.5
Lower Colorado	50 to 150 fish/mi	27.9	28.4	-1.9
Lower Colorado	151 to 400 fish/mi	19.1	18.4	3.7
Lower Colorado	> 400 fish/mi	48.7	50.6	-3.7
Lower Colorado	Unknown	6.6	3.4	92.9
Lower Colorado	Total	122.1	120.4	1.4
Lower Green	0 to 50 fish/mi	686.1	620.3	10.6
Lower Green	50 to 150 fish/mi	219.8	247.0	-11.0
Lower Green	151 to 400 fish/mi	200.3	162.0	23.7
Lower Green	> 400 fish/mi	103.3	95.1	8.7
Lower Green	Unknown	197.7	262.2	-24.6
Lower Green	Total	1407.3	1386.6	1.5
San Juan	0 to 50 fish/mi	102.2	102.4	-0.2
San Juan	50 to 150 fish/mi	69.9	50.7	37.8
San Juan	151 to 400 fish/mi	39.3	33.4	17.6
San Juan	> 400 fish/mi	22.6	25.8	-12.5
San Juan	Unknown	62.9	43.2	45.7
San Juan	Total	296.9	255.5	16.2
Upper Colorado	0 to 50 fish/mi	181.9	217.7	-16.4
Upper Colorado	50 to 150 fish/mi	249.7	258.8	-3.5
Upper Colorado	151 to 400 fish/mi	216.6	173.1	25.1
Upper Colorado	> 400 fish/mi	118.0	119.8	-1.5
Upper Colorado	Unknown	255.2	269.2	-5.2
Upper Colorado	Total	1021.5	1038.6	-1.6
Upper Green	0 to 50 fish/mi	219.1	203.3	7.8
Upper Green	50 to 150 fish/mi	379.8	313.4	21.2
Upper Green	151 to 400 fish/mi	331.5	326.4	1.6
Upper Green	> 400 fish/mi	134.7	202.1	-33.4
Upper Green	Unknown	224.5	251.4	-10.7
Upper Green	Total	1289.6	1296.6	-0.5

(continued)

GMU	Density	Current Range km 2015	Current Range km 2010	% Change
Yampa	0 to 50 fish/mi	191.9	187.3	2.5
Yampa	50 to 150 fish/mi	295.3	264.7	11.6
Yampa	151 to 400 fish/mi	204.9	232.2	-11.7
Yampa	> 400 fish/mi	28.2	26.2	7.8
Yampa	Unknown	97.3	76.9	26.5
Yampa	Total	817.7	787.3	3.9

Appendix C Table 8: (2010 Assessment Pg. 80)

Habitat quality for Colorado River cutthroat trout occupying stream habitat (length in kilometers, km) compared by state between 2010 and 2015, including percent change in stream length over time.

State	Habitat	Current Range km 2015	Current Range km 2010	% Change
Colorado	Excellent	417.4	400.8	4.1
Colorado	Good	1493.6	1419.9	5.2
Colorado	Fair	678.0	613.4	10.5
Colorado	Poor	84.9	77.8	9.2
Colorado	Unknown	112.9	120.9	-6.6
Colorado	Total	2786.8	2632.8	5.8
Utah	Excellent	329.8	336.9	-2.1
Utah	Good	801.7	851.1	-5.8
Utah	Fair	668.4	615.5	8.6
Utah	Poor	156.2	138.2	13.0
Utah	Unknown	50.0	50.3	-0.5
Utah	Total	2006.0	1992.0	0.7
Wyoming	Excellent	76.1	78.2	-2.6
Wyoming	Good	329.7	379.6	-13.1
Wyoming	Fair	569.0	483.6	17.7
Wyoming	Poor	70.3	76.7	-8.4
Wyoming	Unknown	13.6	37.0	-63.2
Wyoming	Total	1058.7	1055.1	0.3

Appendix C Table 9: (2010 Assessment Pg. 81)

Habitat quality for Colorado River cutthroat trout occupied stream habitat (length in kilometers, km) for each Geographic Management Unit (GMU) compared between 2010 and 2015, including percent change of stream length over time.

GMU	Habitat	Current Range km 2015	Current Range km 2010	% Change
Dolores	Excellent	9.4	0.0	100.0
Dolores	Good	156.6	88.4	77.1
Dolores	Fair	104.3	102.7	1.6
Dolores	Poor	0.0	0.0	0.0
Dolores	Unknown	0.0	0.0	0.0
Dolores	Total	270.3	191.1	41.4
Gunnison	Excellent	81.7	77.7	5.2
Gunnison	Good	387.2	376.6	2.8
Gunnison	Fair	137.8	121.7	13.2
Gunnison	Poor	6.8	6.8	0.4
Gunnison	Unknown	12.5	17.8	-29.6
Gunnison	Total	626.1	600.6	4.2
Lower Colorado	Excellent	21.4	21.7	-1.4
Lower Colorado	Good	65.3	67.7	-3.6
Lower Colorado	Fair	24.6	23.3	5.8
Lower Colorado	Poor	10.8	7.7	40.3
Lower Colorado	Unknown	0.0	0.0	0.0
Lower Colorado	Total	122.1	120.4	1.4
Lower Green	Excellent	73.0	37.9	92.6
Lower Green	Good	606.4	663.8	-8.7
Lower Green	Fair	546.4	521.4	4.8
Lower Green	Poor	133.8	118.7	12.7
Lower Green	Unknown	47.6	47.9	-0.5
Lower Green	Total	1407.3	1389.7	1.3
San Juan	Excellent	64.3	74.9	-14.1
San Juan	Good	171.6	132.9	29.2
San Juan	Fair	60.9	47.6	28.0
San Juan	Poor	0.0	0.0	0.0
San Juan	Unknown	0.0	0.0	0.0
San Juan	Total	296.9	255.4	16.2
Upper Colorado	Excellent	210.9	196.1	7.6
Upper Colorado	Good	412.2	455.9	-9.6
Upper Colorado	Fair	291.8	275.8	5.8
Upper Colorado	Poor	28.2	29.3	-3.9
Upper Colorado	Unknown	78.5	81.5	-3.7
Upper Colorado	Total	1021.5	1038.6	-1.6
Upper Green	Excellent	244.1	288.3	-15.3
Upper Green	Good	406.2	435.1	-6.6
Upper Green	Fair	541.5	445.5	21.5
Upper Green	Poor	81.8	88.5	-7.5
Upper Green	Unknown	16.0	39.3	-59.3
Upper Green	Total	1289.6	1296.7	-0.5

(continued)

GMU	Habitat	Current Range km 2015	Current Range km 2010	% Change
Yampa	Excellent	118.5	119.2	-0.6
Yampa	Good	419.5	430.3	-2.5
Yampa	Fair	208.0	174.5	19.2
Yampa	Poor	49.9	41.7	19.8
Yampa	Unknown	21.8	21.6	1.1
Yampa	Total	817.7	787.3	3.9

Appendix C Table 10: (2010 Assessment Pg. 83)

Stream width (feet, ft) for Colorado River cutthroat trout occupied stream habitat (length in kilometers, km) compared by state between 2010 and 2015, including percent change in stream length over time.

State	Width	Current Range km 2015	Current Range km 2010	% Change
Colorado	< 5 feet	311.5	267.7	16.3
Colorado	5 to 10 feet	1147.7	1149.1	-0.1
Colorado	10 to 15 feet	634.5	584.7	8.5
Colorado	15 to 20 feet	316.7	273.8	15.7
Colorado	20 to 25 feet	215.3	201.5	6.9
Colorado	> 25 feet	22.8	23.2	-1.6
Colorado	Unknown	138.3	133.2	3.9
Colorado	Total	2786.8	2633.2	5.8
Utah	< 5 feet	382.6	388.7	-1.6
Utah	5 to 10 feet	720.5	709.8	1.5
Utah	10 to 15 feet	270.5	269.6	0.3
Utah	15 to 20 feet	241.6	264.6	-8.7
Utah	20 to 25 feet	146.8	186.1	-21.1
Utah	> 25 feet	141.3	68.6	106.0
Utah	Unknown	102.7	103.6	-0.8
Utah	Total	2006.0	1991.0	0.8
Wyoming	< 5 feet	221.0	233.8	-5.5
Wyoming	5 to 10 feet	367.2	393.2	-6.6
Wyoming	10 to 15 feet	78.9	99.3	-20.6
Wyoming	15 to 20 feet	99.3	88.0	12.9
Wyoming	20 to 25 feet	178.0	141.8	25.5
Wyoming	> 25 feet	89.8	50.7	77.1
Wyoming	Unknown	24.5	48.2	-49.1
Wyoming	Total	1058.7	1055.0	0.4

Appendix C Table 11: (2010 Assessment Pg. 84)

Stream width for Colorado River cutthroat trout occupied stream habitat (length in kilometers, km) for each Geographic Management Unit (GMU) compared between 2010 and 2015, including percent change in stream length over time.

GMU	Width	Current Range km 2015	Current Range km 2010	% Change
Dolores	< 5 feet	35.3	32.9	7.3
Dolores	5 to 10 feet	111.6	105.7	5.5
Dolores	10 to 15 feet	72.9	39.3	85.4
Dolores	15 to 20 feet	50.6	13.2	283.1
Dolores	20 to 25 feet	0.0	0.0	0.0
Dolores	> 25 feet	0.0	0.0	0.0
Dolores	Unknown	0.0	0.0	0.0
Dolores	Total	270.3	191.1	41.4
Gunnison	< 5 feet	77.9	53.5	45.6
Gunnison	5 to 10 feet	211.8	211.3	0.3
Gunnison	10 to 15 feet	161.2	159.3	1.2
Gunnison	15 to 20 feet	81.2	82.2	-1.3
Gunnison	20 to 25 feet	74.9	75.6	-1.0
Gunnison	> 25 feet	0.0	0.0	0.0
Gunnison	Unknown	19.1	18.9	1.0
Gunnison	Total	626.1	600.8	4.2
Lower Colorado	< 5 feet	15.1	10.2	47.9
Lower Colorado	5 to 10 feet	52.7	48.5	8.6
Lower Colorado	10 to 15 feet	40.7	48.1	-15.4
Lower Colorado	15 to 20 feet	0.8	0.8	-1.7
Lower Colorado	20 to 25 feet	12.9	12.8	0.6
Lower Colorado	> 25 feet	0.0	0.0	0.0
Lower Colorado	Unknown	0.0	0.0	0.0
Lower Colorado	Total	122.1	120.4	1.4
Lower Green	< 5 feet	280.4	290.8	-3.6
Lower Green	5 to 10 feet	462.3	455.2	1.6
Lower Green	10 to 15 feet	170.3	161.1	5.7
Lower Green	15 to 20 feet	150.7	172.2	-12.5
Lower Green	20 to 25 feet	106.4	145.4	-26.8
Lower Green	> 25 feet	134.4	61.4	118.9
Lower Green	Unknown	102.7	103.6	-0.8
Lower Green	Total	1407.3	1389.7	1.3
San Juan	< 5 feet	8.5	8.4	1.2
San Juan	5 to 10 feet	137.0	134.0	2.3
San Juan	10 to 15 feet	39.7	26.8	48.2
San Juan	15 to 20 feet	48.4	25.3	91.3
San Juan	20 to 25 feet	63.2	61.0	3.7
San Juan	> 25 feet	0.0	0.0	0.0
San Juan	Unknown	0.0	0.0	0.0
San Juan	Total	296.9	255.5	16.2
Upper Colorado	< 5 feet	135.4	131.6	2.9
Upper Colorado	5 to 10 feet	478.1	486.9	-1.8

(continued)

GMU	Width	Current Range km 2015	Current Range km 2010	% Change
Upper Colorado	10 to 15 feet	201.4	195.6	3.0
Upper Colorado	15 to 20 feet	75.3	92.9	-18.9
Upper Colorado	20 to 25 feet	33.4	29.5	13.1
Upper Colorado	> 25 feet	22.8	23.2	-1.6
Upper Colorado	Unknown	75.0	79.1	-5.2
Upper Colorado	Total	1021.5	1038.8	-1.7
Upper Green	< 5 feet	254.8	268.4	-5.1
Upper Green	5 to 10 feet	429.1	462.0	-7.1
Upper Green	10 to 15 feet	113.1	134.6	-16.0
Upper Green	15 to 20 feet	168.4	158.4	6.3
Upper Green	20 to 25 feet	205.5	169.7	21.1
Upper Green	> 25 feet	94.2	55.4	70.0
Upper Green	Unknown	24.5	48.2	-49.1
Upper Green	Total	1289.6	1296.7	-0.5
Yampa	< 5 feet	107.6	94.4	14.0
Yampa	5 to 10 feet	352.8	349.5	0.9
Yampa	10 to 15 feet	184.5	188.7	-2.2
Yampa	15 to 20 feet	82.3	81.5	1.0
Yampa	20 to 25 feet	43.9	35.5	23.5
Yampa	> 25 feet	2.5	2.4	2.9
Yampa	Unknown	44.2	35.2	25.6
Yampa	Total	817.7	787.2	3.9

Appendix C Table 12: (2010 Assessment Pg. 85)

Currently-occupied Colorado River cutthroat trout stream (length in kilometers, km) and lake habitat (area in hectares, ha) by state for which records of stocking with non-native salmonids has not (No Stocking) or has (Non-Native Stocking) occurred and comparison to 2010 data.

State	Stocking	Current Range km 2015	Current Range km 2010	% Change km	Current Range ha 2015	Current Range ha 2010	% Change ha
Colorado	No Stocking	1328.9	1164	14.2	131.2	82	60.0
Colorado	Non-Native Stocking	1457.9	1469	-0.8	157.6	198	-20.4
Colorado	Total	2786.8	2633	5.8	288.8	280	3.1
Utah	No Stocking	1033.8	1019	1.4	106.6	75	42.1
Utah	Non-Native Stocking	972.2	972	0.0	572.3	565	1.3
Utah	Total	2006.0	1991	0.8	678.9	640	6.1
Wyoming	No Stocking	457.1	456	0.2	242.4	242	0.2
Wyoming	Non-Native Stocking	601.6	599	0.4	0.0	0	0.0
Wyoming	Total	1058.7	1055	0.4	242.4	242	0.2

Appendix C Table 13: (2010 Assessment Pg. 86)

Currently-occupied Colorado River cutthroat trout stream (length in kilometers, km) and lake (area in hectares, ha) habitat by Geographic Management Unit (GMU) for which records of stocking with non-native salmonids has not (No Stocking) or has (Non-Native stocking) occurred and comparison to 2010 data.

GMU	Stocking	Current Range km 2015	Current Range km 2010	% Change km	Current Range ha 2015	Current Range ha 2010	% Change ha
Dolores	No Stocking	130.8	111	17.9	9.3	0.0	100.0
Dolores	Non-Native Stocking	139.5	80	74.4	0.0	0.0	0.0
Dolores	Total	270.3	191	41.5	9.3	0.0	100.0
Gunnison	No Stocking	224.3	199	12.7	14.5	14.0	3.5
Gunnison	Non-Native Stocking	401.8	402	-0.1	8.1	8.0	0.6
Gunnison	Total	626.1	601	4.2	22.5	22.0	2.4
Lower Colorado	No Stocking	67.4	62	8.7	0.0	0.0	0.0
Lower Colorado	Non-Native Stocking	54.8	58	-5.6	7.7	7.0	9.4
Lower Colorado	Total	122.1	120	1.8	7.7	7.0	9.4
Lower Green	No Stocking	645.8	640	0.9	10.3	10.0	2.8
Lower Green	Non-Native Stocking	761.5	750	1.5	453.7	416.0	9.1
Lower Green	Total	1407.3	1390	1.2	463.9	426.0	8.9
San Juan	No Stocking	170.4	131	30.1	1.6	0.5	222.2
San Juan	Non-Native Stocking	126.5	124	2.0	1.2	1.2	-2.8
San Juan	Total	296.9	255	16.4	2.8	1.7	63.4
Upper Colorado	No Stocking	487.2	444	9.7	80.2	43.0	86.6
Upper Colorado	Non-Native Stocking	534.4	595	-10.2	17.0	56.0	-69.6
Upper Colorado	Total	1021.5	1039	-1.7	97.2	99.0	-1.8
Upper Green	No Stocking	592.2	615	-3.7	338.7	307.0	10.3
Upper Green	Non-Native Stocking	697.4	682	2.3	111.0	141.0	-21.3
Upper Green	Total	1289.6	1297	-0.6	449.7	448.0	0.4
Yampa	No Stocking	501.7	438	14.6	25.6	24.0	6.7
Yampa	Non-Native Stocking	316.0	350	-9.7	131.3	133.0	-1.2
Yampa	Total	817.7	788	3.8	157.0	157.0	0.0

Appendix C Table 14: (2010 Assessment Pg. 87)

Currently-occupied Colorado River cutthroat trout stream (length in kilometers, km) and lake habitat (area in hectares, ha) by state for which non-native salmonids have or have not been documented sympatric with CRCT and comparison to 2010 data. % Change column is the comparison of the kilometers of stream or hectares of lake with or without non-natives in 2015 compared to 2010.

State	Presence	Current Range km 2015	Current Range km 2010	% Change km	Current Range ha 2015	Current Range ha 2010	% Change ha
Colorado	Non-Natives Absent	1172.6 (42.1%)	1084 (41.2%)	8.2	134.6 (46.6%)	124 (44.4%)	8.5
Colorado	Non-Natives Present	1614.2 (57.9%)	1549 (58.8%)	4.2	154.2 (53.4%)	155 (55.6%)	-0.5
Colorado	Total	2786.8	2633	5.8	288.8	279	3.5
Utah	Non-Natives Absent	801.7 (40%)	773 (38.8%)	3.7	71.2 (10.5%)	71 (11.1%)	0.3
Utah	Non-Natives Present	1204.3 (60%)	1218 (61.2%)	-1.1	607.7 (89.5%)	569 (88.9%)	6.8
Utah	Total	2006	1991	0.8	678.9	640	6.1
Wyoming	Non-Natives Absent	462.2 (43.7%)	509 (48.2%)	-9.2	0 (0%)	14 (5.8%)	-100.0
Wyoming	Non-Natives Present	596.5 (56.3%)	546 (51.8%)	9.3	242.4 (100%)	229 (94.2%)	5.9
Wyoming	Total	1058.7	1055	0.4	242.4	243	-0.2

Appendix C Table 15: (2010 Assessment Pg. 88)

Colorado River cutthroat trout occupied stream (length in kilometers, km) and lake habitat (area in hectares, ha) by Geographic Management Unit (GMU) for which non-native salmonids have or have not been documented sympatric. Comparisons (% Change) are made between 2015 and 2010 for stream km and lake ha.

GMU	Presence	Current Range km 2015	Current Range km 2010	% Change km	Current Range ha 2015	Current Range ha 2010	% Change ha
Dolores	Non-Natives Absent	87.9 (32.5%)	78 (40.8%)	12.7	9 (97.1%)	0 (0%)	100.0
Dolores	Non-Natives Present	182.4 (67.5%)	113.1 (59.2%)	61.3	0.3 (2.9%)	0 (0%)	100.0
Dolores	Total	270.3	191.1	41.4	9.3	0	100.0
Gunnison	Non-Natives Absent	173.3 (27.7%)	139.9 (23.3%)	23.9	19.5 (86.7%)	19.5 (86.7%)	0.2
Gunnison	Non-Natives Present	452.8 (72.3%)	460.8 (76.7%)	-1.7	3 (13.3%)	3 (13.3%)	0.2
Gunnison	Total	626.1	600.7	4.2	22.5	22.5	0.2
Lower Colorado	Non-Natives Absent	67 (54.9%)	65.1 (54.1%)	3.0	2 (25.8%)	1.2 (17.4%)	64.4
Lower Colorado	Non-Natives Present	55.1 (45.1%)	55.3 (45.9%)	-0.4	5.7 (74.2%)	5.7 (82.6%)	-0.3
Lower Colorado	Total	122.1	120.4	1.4	7.7	6.9	11.0
Lower Green	Non-Natives Absent	511 (36.3%)	489.4 (35.2%)	4.4	15.8 (3.4%)	15.8 (3.7%)	0.1
Lower Green	Non-Natives Present	896.3 (63.7%)	900.3 (64.8%)	-0.4	448.1 (96.6%)	410.9 (96.3%)	9.1
Lower Green	Total	1407.3	1389.7	1.3	463.9	426.7	8.7
San Juan	Non-Natives Absent	157.3 (53%)	133.7 (52.3%)	17.7	2.8 (100%)	1.7 (100%)	63.4
San Juan	Non-Natives Present	139.5 (47%)	121.8 (47.7%)	14.6	0 (0%)	0 (0%)	0.0
San Juan	Total	296.9	255.5	16.2	2.8	1.7	63.4
Upper Colorado	Non-Natives Absent	450.6 (44.1%)	429.5 (41.3%)	4.9	84.3 (86.7%)	84.3 (85.3%)	0.0
Upper Colorado	Non-Natives Present	571 (55.9%)	609.2 (58.7%)	-6.3	13 (13.3%)	14.5 (14.7%)	-10.7
Upper Colorado	Total	1021.5	1038.7	-1.7	97.2	98.8	-1.6
Upper Green	Non-Natives Absent	501.3 (38.9%)	549.2 (42.4%)	-8.7	53.5 (11.9%)	67.3 (15%)	-20.6
Upper Green	Non-Natives Present	788.3 (61.1%)	747.5 (57.6%)	5.5	396.2 (88.1%)	381.4 (85%)	3.9
Upper Green	Total	1289.6	1296.7	-0.5	449.7	448.7	0.2
Yampa	Non-Natives Absent	488.1 (59.7%)	483.1 (61.4%)	1.0	19 (12.1%)	19 (12.1%)	0.1
Yampa	Non-Natives Present	329.6 (40.3%)	304.3 (38.6%)	8.3	137.9 (87.9%)	137.9 (87.9%)	0.0
Yampa	Total	817.7	787.4	3.8	157	156.9	0.0

Appendix C Table 16: (2010 Assessment Pg. 89)

Colorado River cutthroat trout (CRCT) occupied stream (length in kilometers, km) and lake (area in hectare, ha) habitat within the various land ownership boundaries by Geographic Management Unit (GMU) in 2015. Percentage represent amount of total CRCT habitat occupied by land ownership.

GMU	BLM	PVT	STATE	USFS Non- Wilderness	USFS Wilder- ness	Tribal	NPS	DOD
Dolores	11 km 0 ha	54.8 km 2.5 ha	23.8 km 6.7 ha	174.6 km 0 ha	6.1 km 0 ha	-	-	-
Gunnison	40.9 km 3 ha	80 km 0 ha	3.2 km 0 ha	314.2 km 14.5 ha	187.7 km 5 ha	-	-	-
Lower Colorado	4.1 km 0 ha	8.7 km 0 ha	-	109.4 km 109.4 ha	-	-	-	-
Lower Green	21.3 km 0 ha	325 km 11.7 ha	140.8 km 0 ha	584.4 km 234.1 ha	163.1 km 218.2 ha	172.7 km 0 ha	0 km 0 ha	-
San Juan	4 km 0 ha	32.6 km 1.6 ha	-	215.8 km 1.1 ha	44.5 km 0 ha	-	-	-
Upper Colorado	99.8 km 3 ha	188.2 km 38.6 ha	18.8 km 0 ha	452.6 km 8.2 ha	205.9 km 23.4 ha	-	30.7 km 24.1 ha	25.4 km 0 ha
Upper Green	144 km 0 ha	337.9 km 0 ha	57.3 km 0 ha	600.7 km 343.2 ha	149.6 km 106.5 ha	-	-	-
Yampa	51.6 km 0 ha	188 km 0 ha	31.1 km 0 ha	457.5 km 0 ha	89.5 km 157 ha	-	-	-
Total km	376.7 (6.4%)	1215.2 (20.8%)	275 (4.7%)	2909.2 (49.7%)	846.4 (14.5%)	172.7 (3%)	30.7 (0.5%)	25.4 (0.4%)
Total ha	6 (0.5%)	54.4 (4.1%)	6.7 (0.5%)	710.5 (54.2%)	510.1 (38.9%)	0 (0%)	24.1 (1.8%)	0 (0%)

Appendix C Table 17: (2010 Assessment Pg. 90)

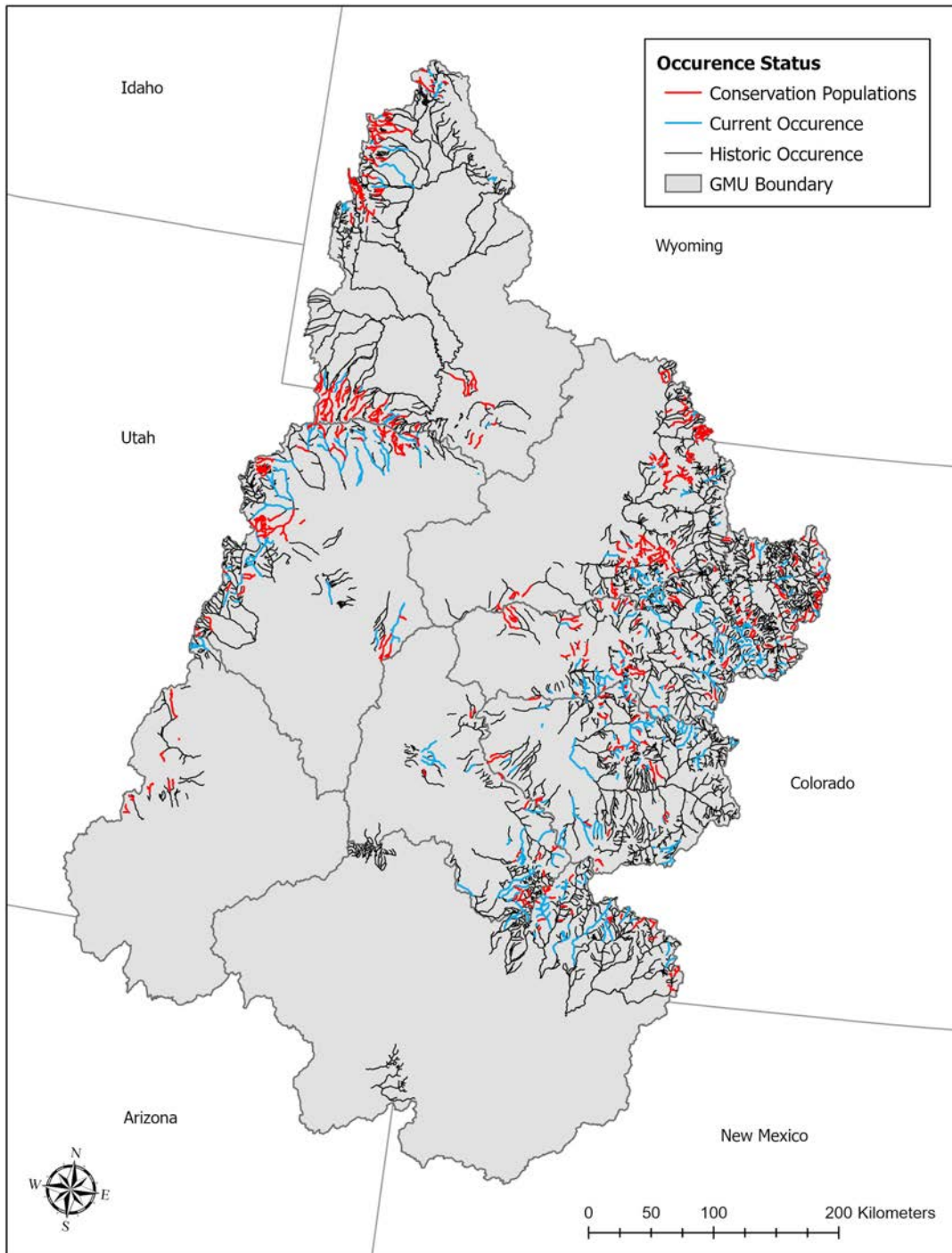
Change in Colorado River cutthroat trout (CRCT) occupied stream habitat (length in kilometers, km) and lake (area in hectare, ha) within land ownership boundaries by Geographic Management Unit (GMU) between 2010 and 2015.

GMU	BLM	PVT	STATE	USFS Non- Wilderness	USFS Wilder- ness	Tribal	NPS	DOD
Dolores	-0.9 km 0 ha	40.2 km 100 ha	0.8 km 100 ha	53.3 km 0 ha	78.4 km 0 ha	-	-	-
Gunnison	10.6 km 0.2 ha	2.3 km 0 ha	1.2 km 0 ha	9.3 km -0.1 ha	-3.7 km 0.9 ha	-	-	-
Lower Colorado	-0.1 km 0 ha	-1.5 km 0 ha	-	0 km 0 ha	-	-	-	-
Lower Green	-1 km 0 ha	0.1 km -0.3 ha	-0.4 km 0 ha	12.4 km 17.9 ha	4.5 km 0.7 ha	-1.2 km 0 ha	-100 km 0 ha	-
San Juan	2 km 0 ha	13 km -3.1 ha	-	21.4 km 100 ha	-0.9 km 0 ha	-	-	-
Upper Colorado	-23.8 km -0.9 ha	-4.6 km 100 ha	1.3 km 0 ha	0.2 km -0.2 ha	-2 km 0 ha	-	0.5 km -6 ha	0 km 0 ha
Upper Green	0.1 km 0 ha	17.7 km 0 ha	17.2 km 0 ha	-9.9 km 0.3 ha	0 km 0 ha	-	-	-
Yampa	-0.9 km 0 ha	7.9 km 0 ha	-0.6 km 0 ha	2.5 km -100 ha	7.5 km 100 ha	-	-	-
Total km	-14 (-10.9%)	75.1 (58.6%)	19.5 (15.2%)	64.4 (50.3%)	83.8 (65.4%)	-1.2 (-0.9%)	-99.5 (-77.7%)	0 (0%)
Total ha	-0.7 (-0.2%)	196.6 (48%)	100 (24.4%)	17.9 (4.4%)	101.6 (24.8%)	0 (0%)	-6 (-1.5%)	0 (0%)

Appendix C Figures -

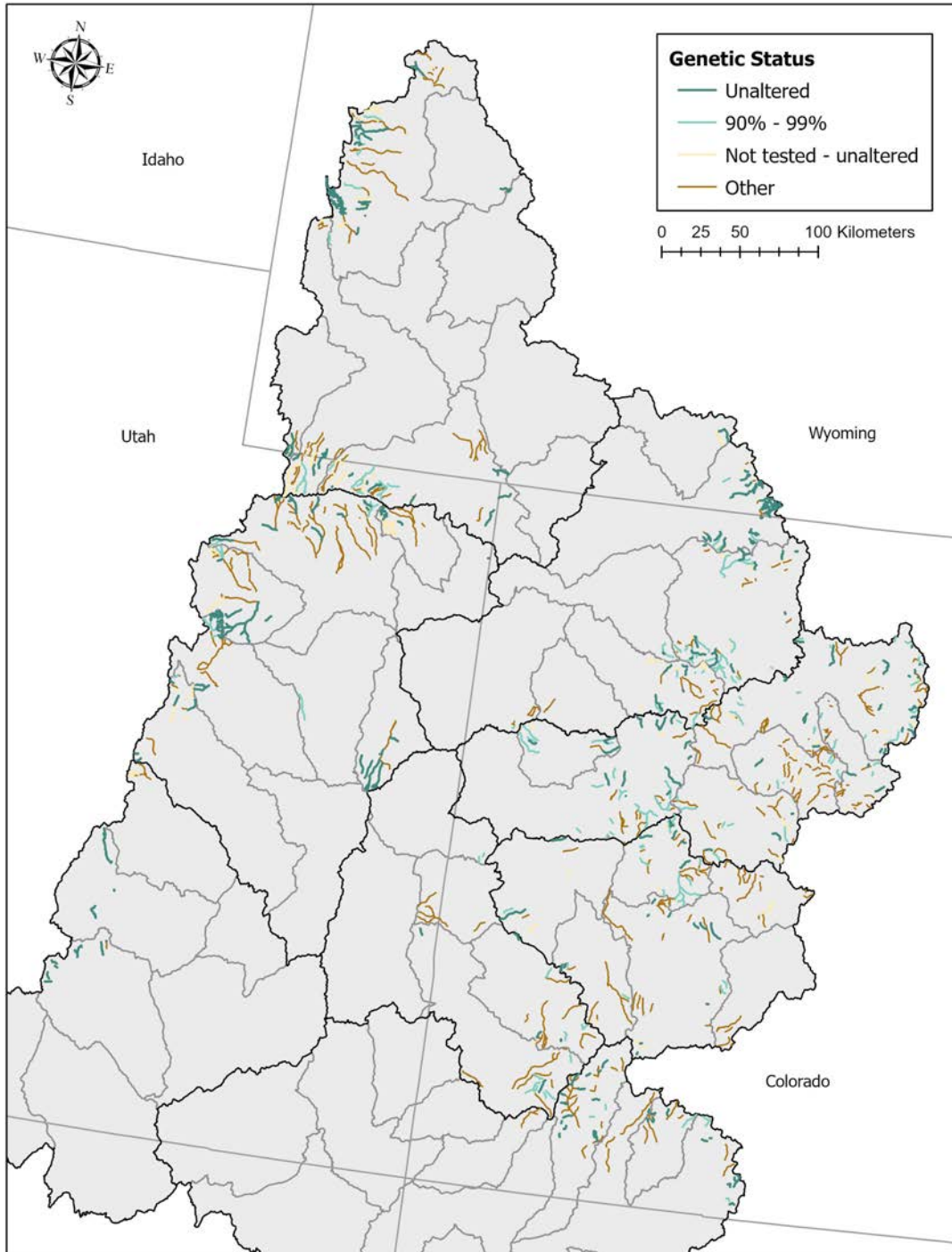
Appendix C Figure 1: (2010 Assessment Pg. 68)

Current range (blue) and historic range (dark gray) of CRCT as of 2015. Conservation populations are also shown in red.



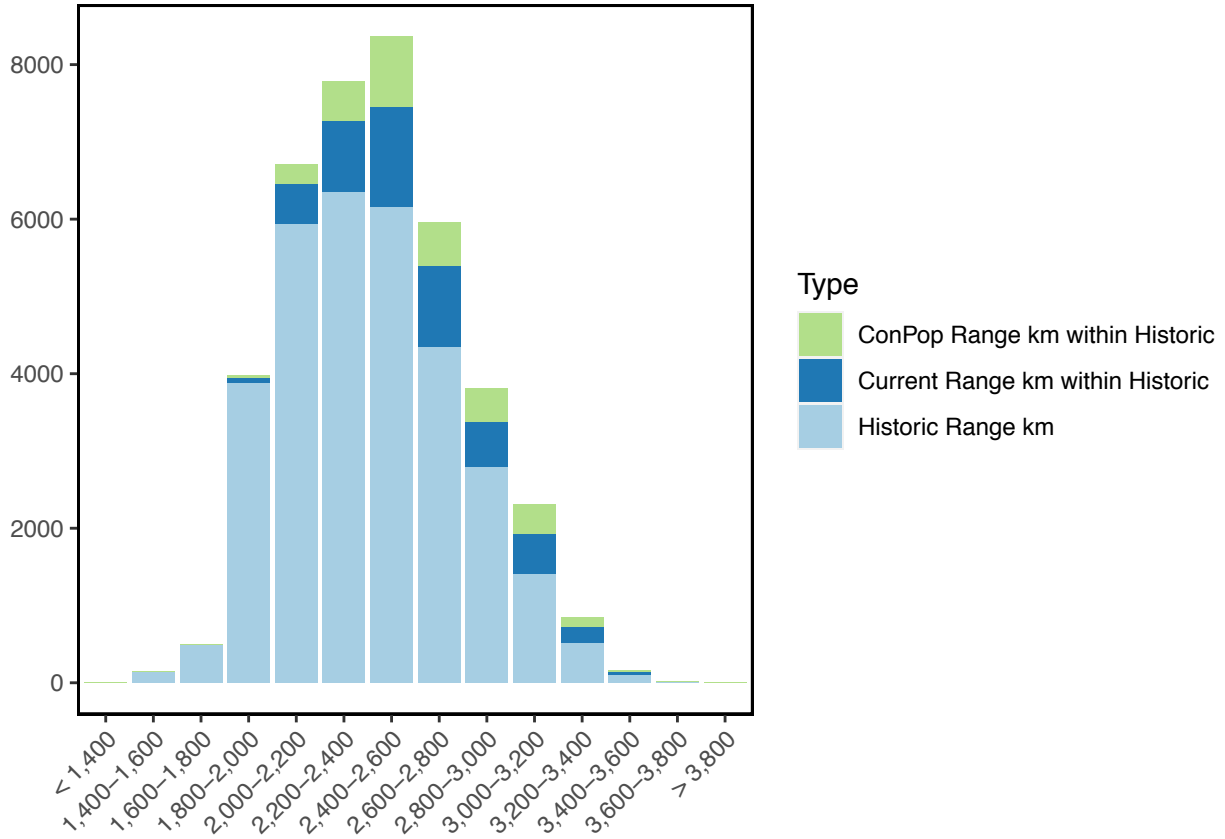
Appendix C Figure 2: (2010 Assessment Pg. 73)

Genetic status of currently occupied Colorado River cutthroat trout (CRCT) stream segments. Waters designated as “Other” are comprised of all genetic results less than 90% pure, untested and suspected hybridized, and mixed stocks of unaltered and hybridized CRCT.



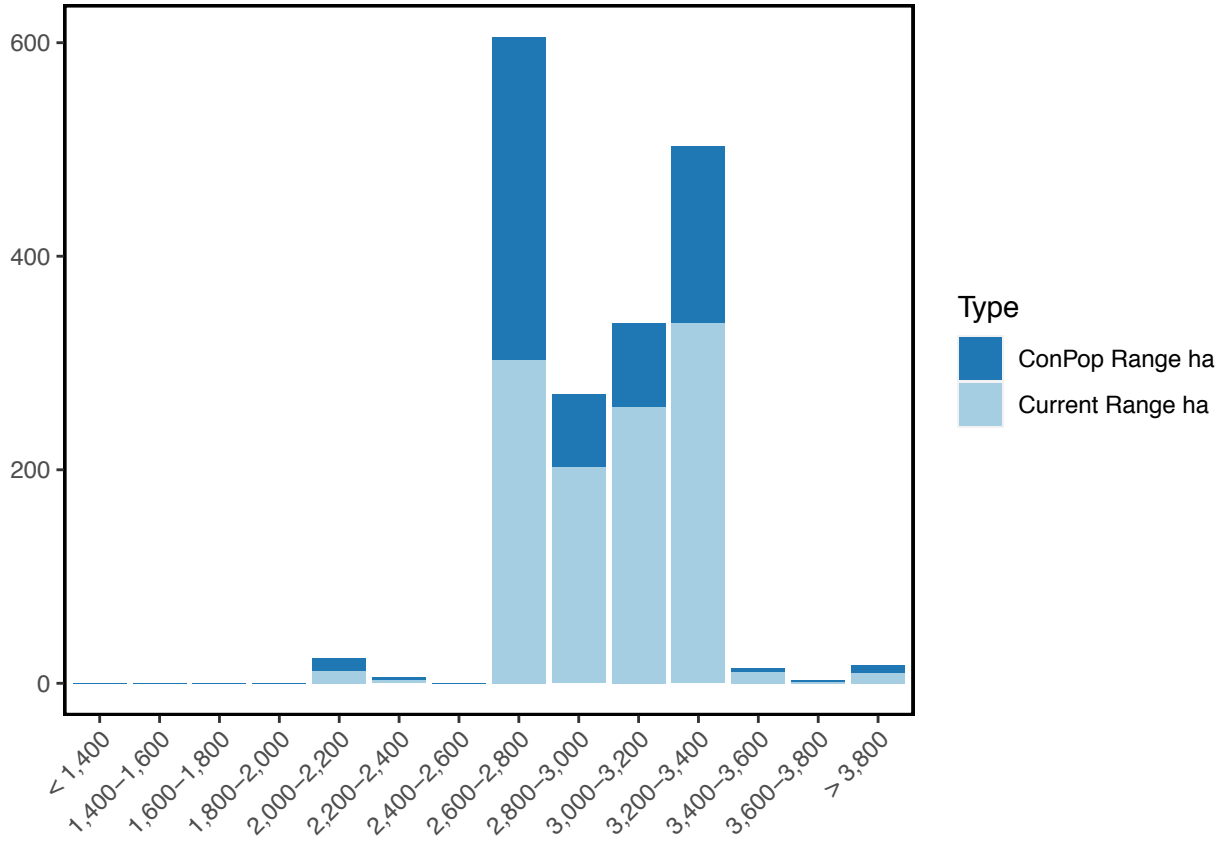
Appendix C Figure 3: (2010 Assessment Pg. 75)

Kilometers (km) of stream habitat occupied by Colorado River cutthroat trout historically (light blue), currently (dark blue), and by conservation populations (>90% genetic purity) (green) in relation to elevation range (meters). Habitats are presented as a fraction of total historic stream habitat (km).



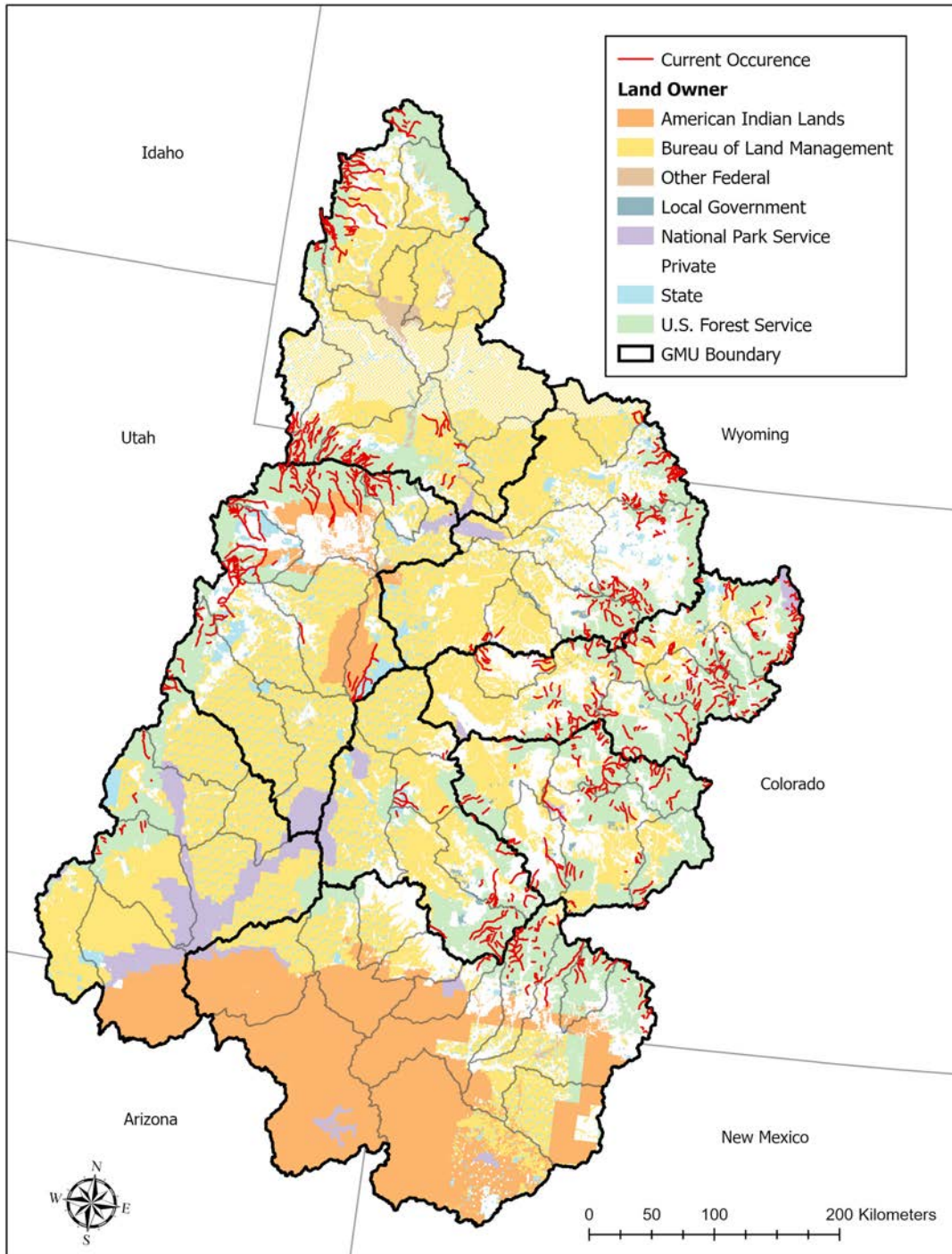
Appendix C Figure 4a: (2010 Assessment Pg. 77)

Elevation range (meters, m) of current occupied lake habitat (in hectares, ha) (light blue) of Colorado River cutthroat trout and identified conservation populations (>90% genetic purity) (dark blue). Conservation population habitat is a fraction of total current occupied lake habitat.



Appendix C Figure 4b: (2010 Assessment Pg. 91)

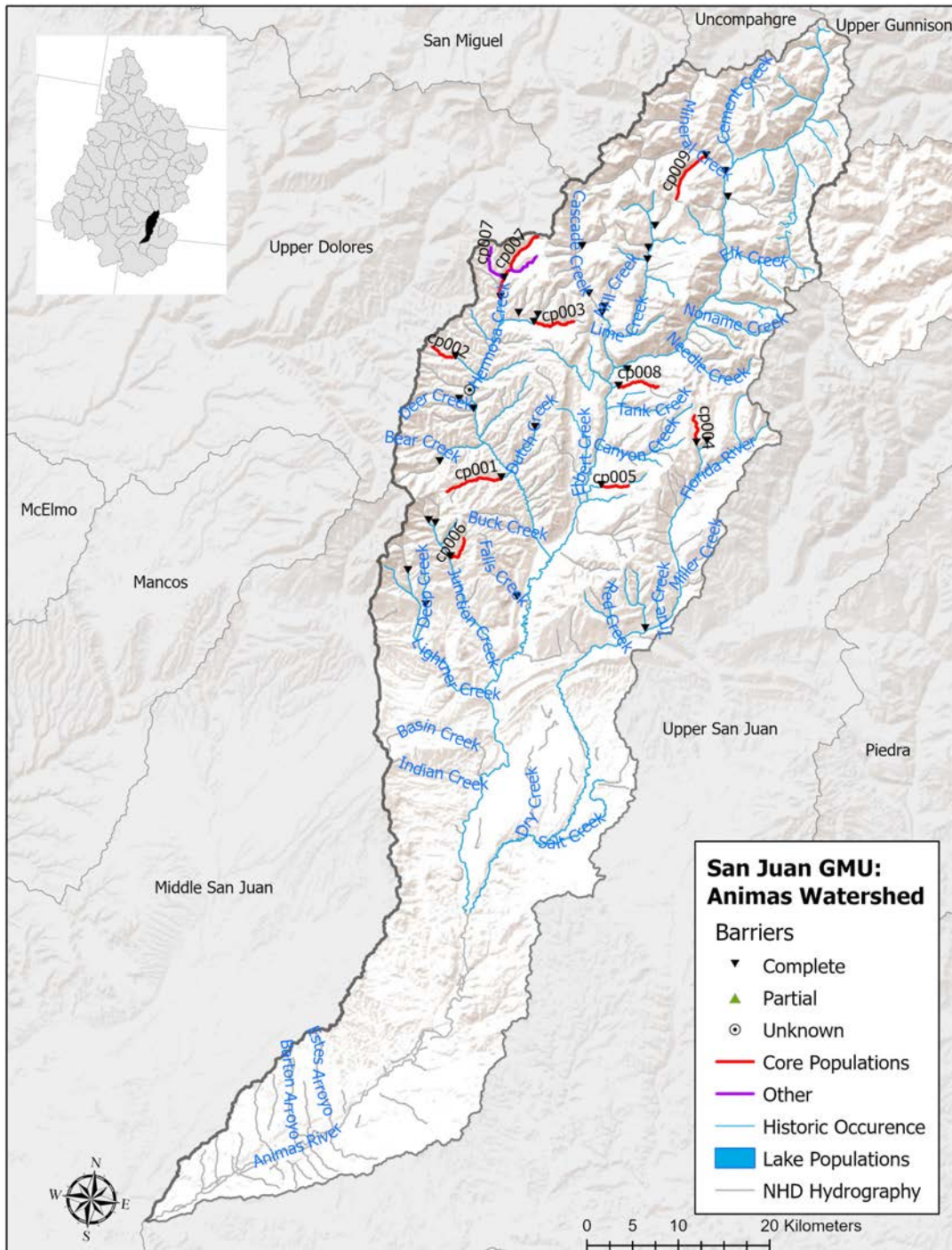
Currently occupied CRCT habitat associated with the primary agencies (USFS, BLM, NPS, State, and Tribal).



Appendix D: Maps of each 4th level HUC containing historic habitat and each conservation population.

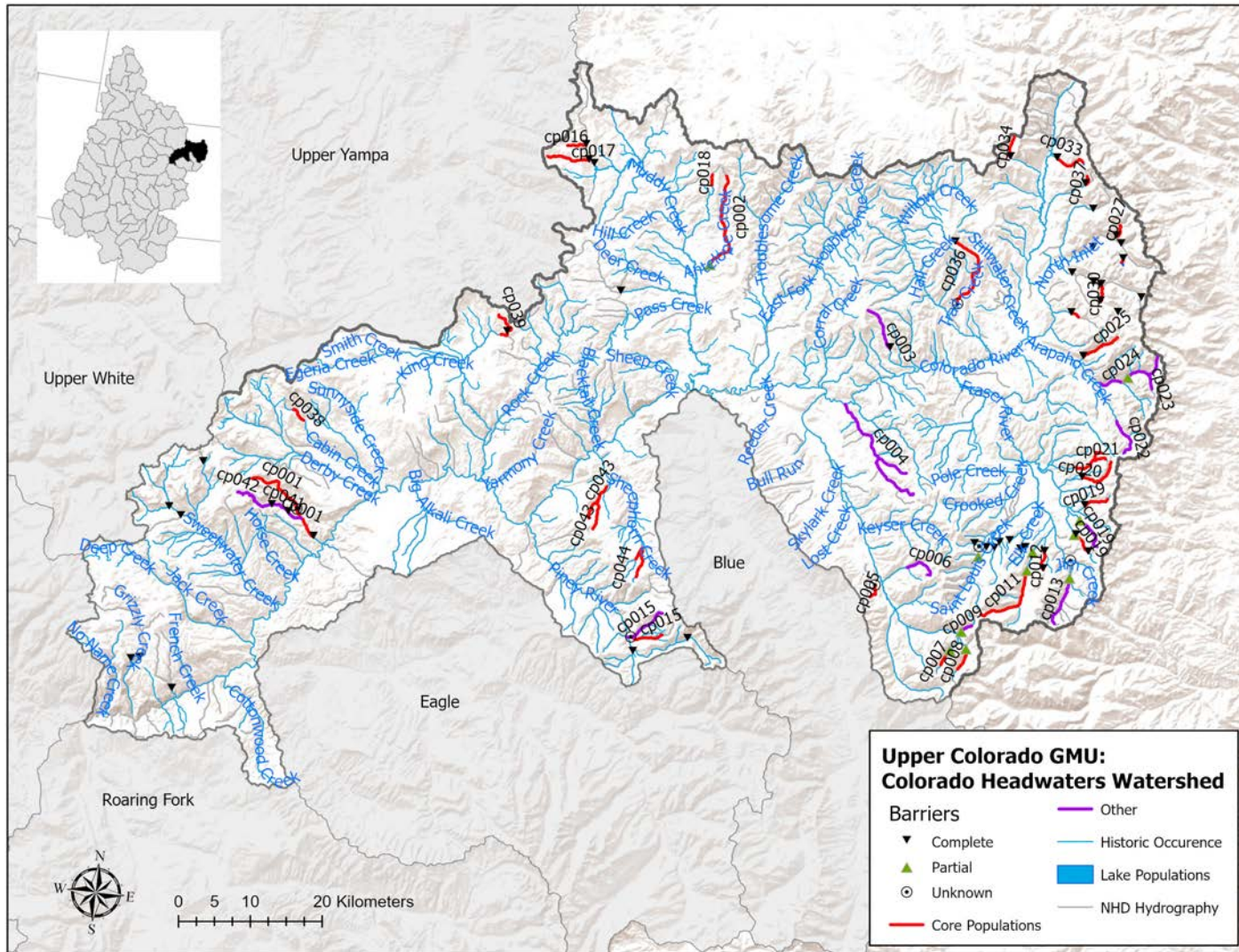
Appendix D Figures -

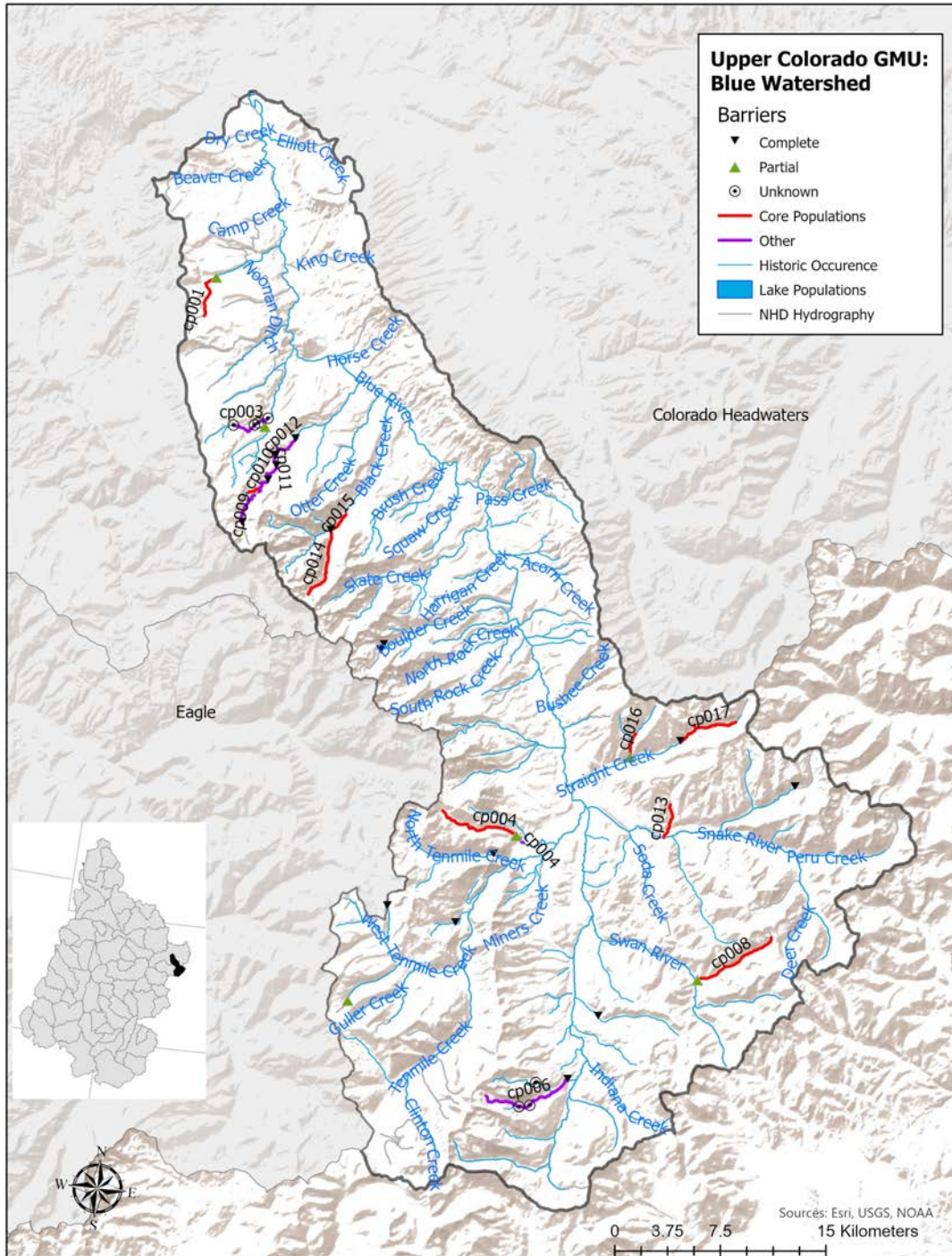
Appendix D - Animas: (2010 Assessment Pg. 93)



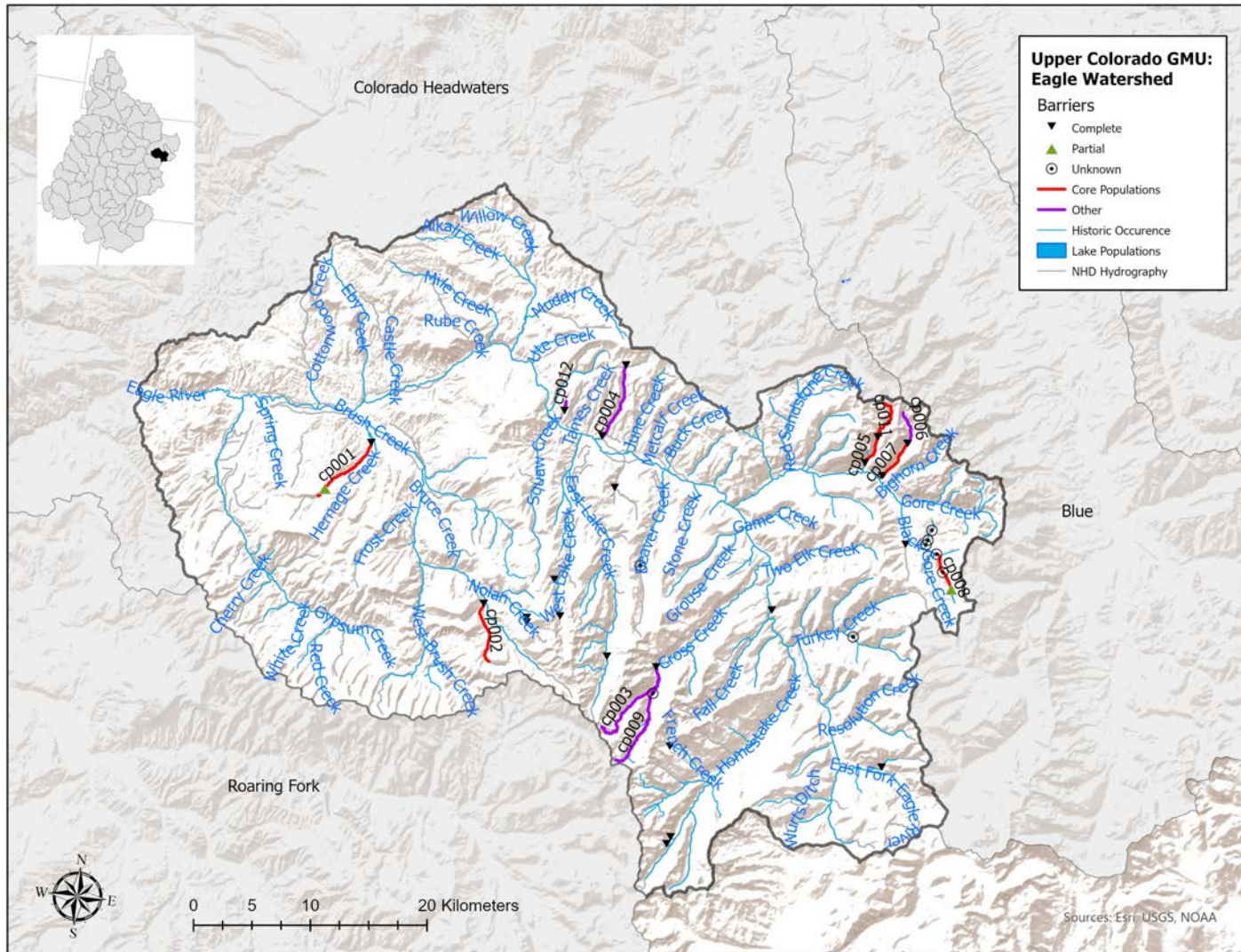
Appendix D - Colorado Headwaters: (2010 Assessment Pg. 94)

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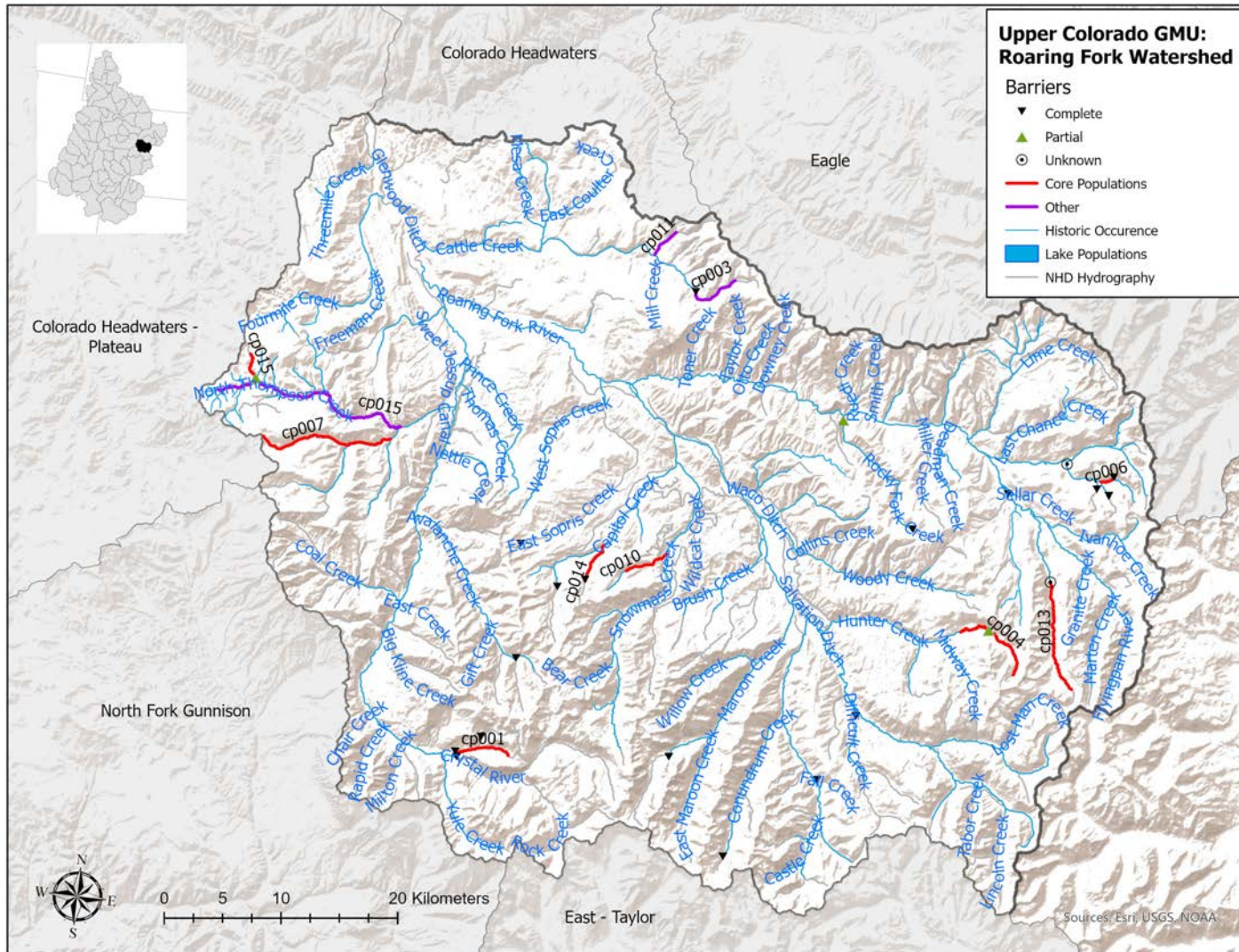




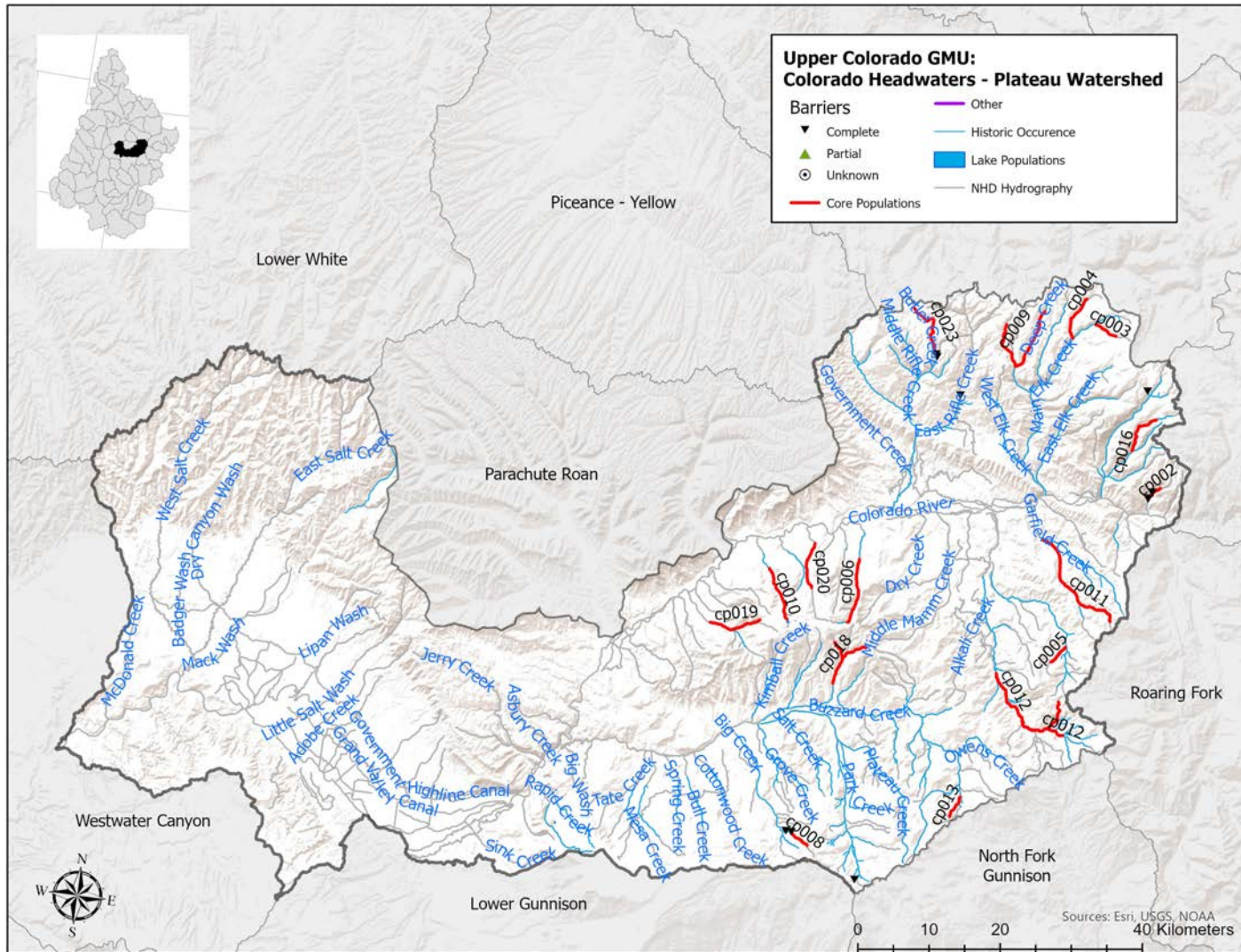
Appendix D - Eagle: (2010 Assessment Pg. 96)



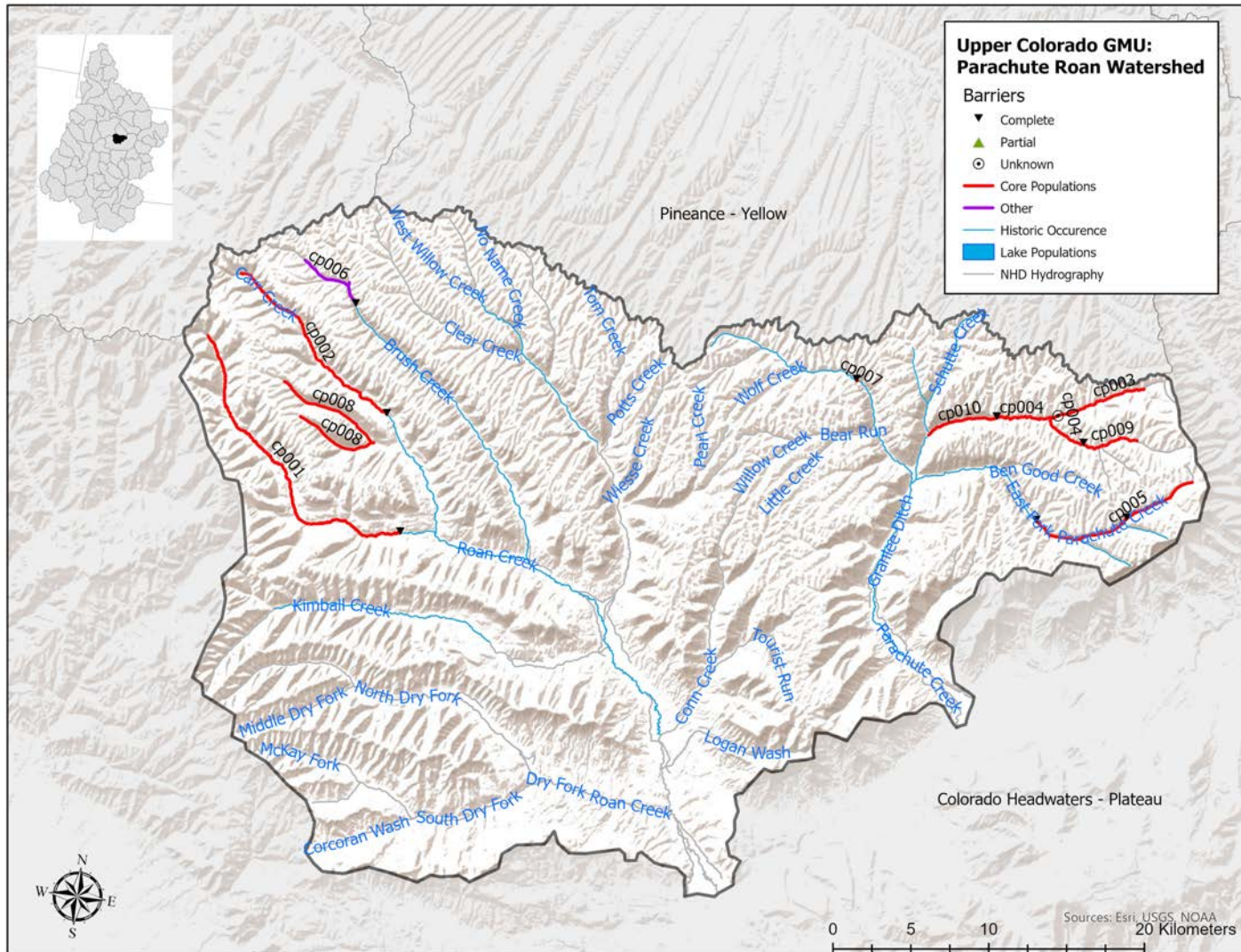
Appendix D - Roaring Fork: (2010 Assessment Pg. 97)

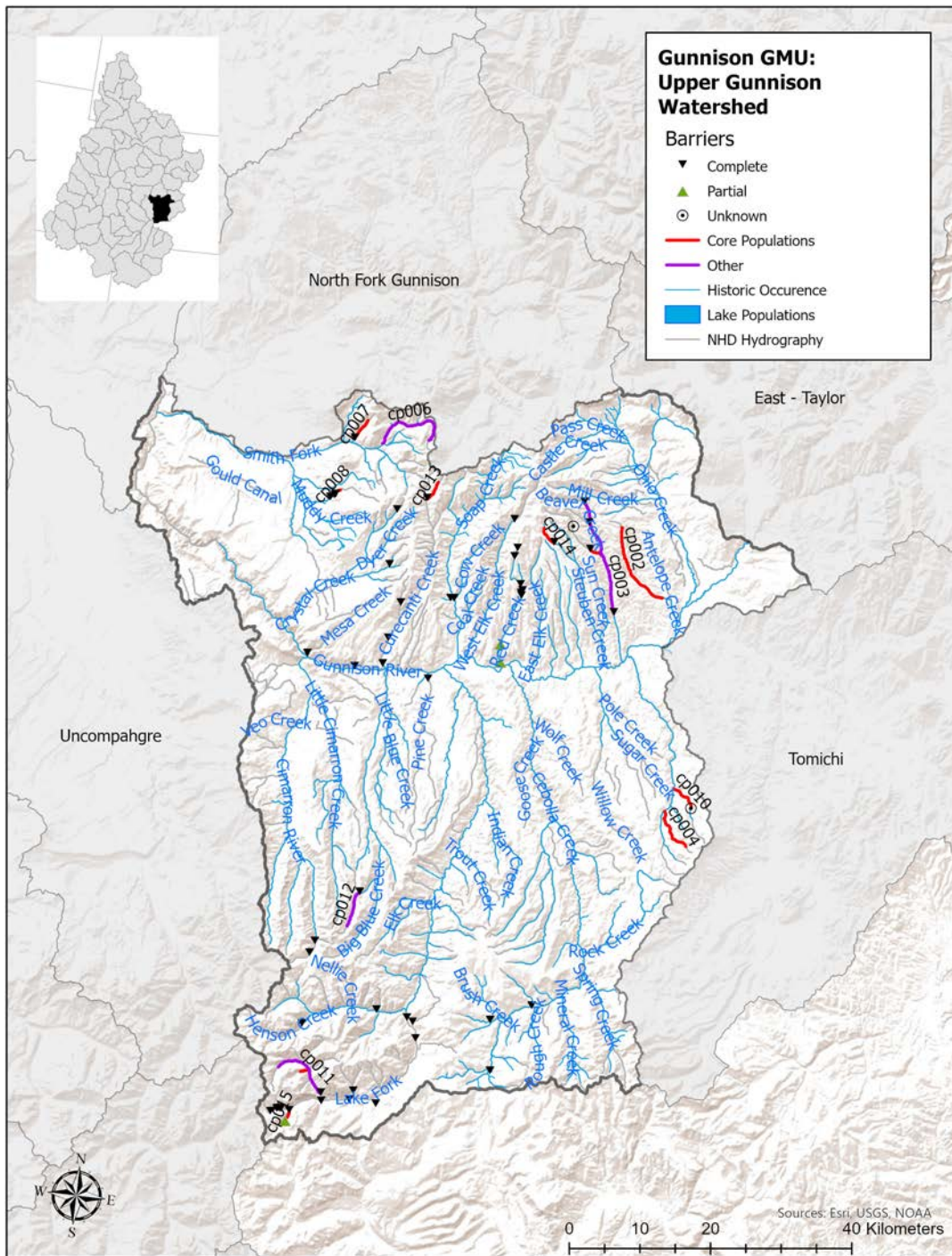


Appendix D - Colorado Headwaters - Plateau: (2010 Assessment Pg. 98)

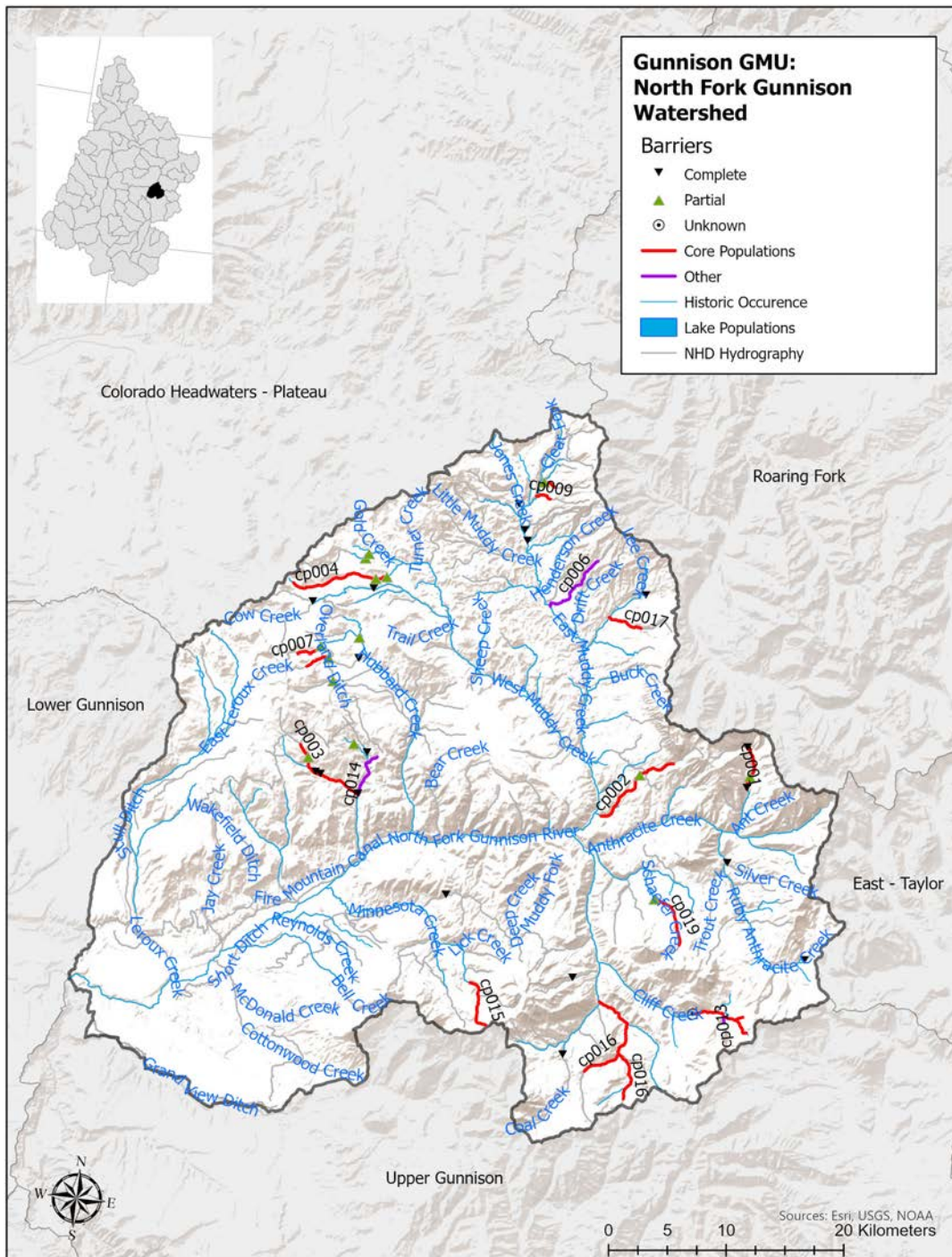


Appendix D - Parachute Roan: (2010 Assessment Pg. 99)



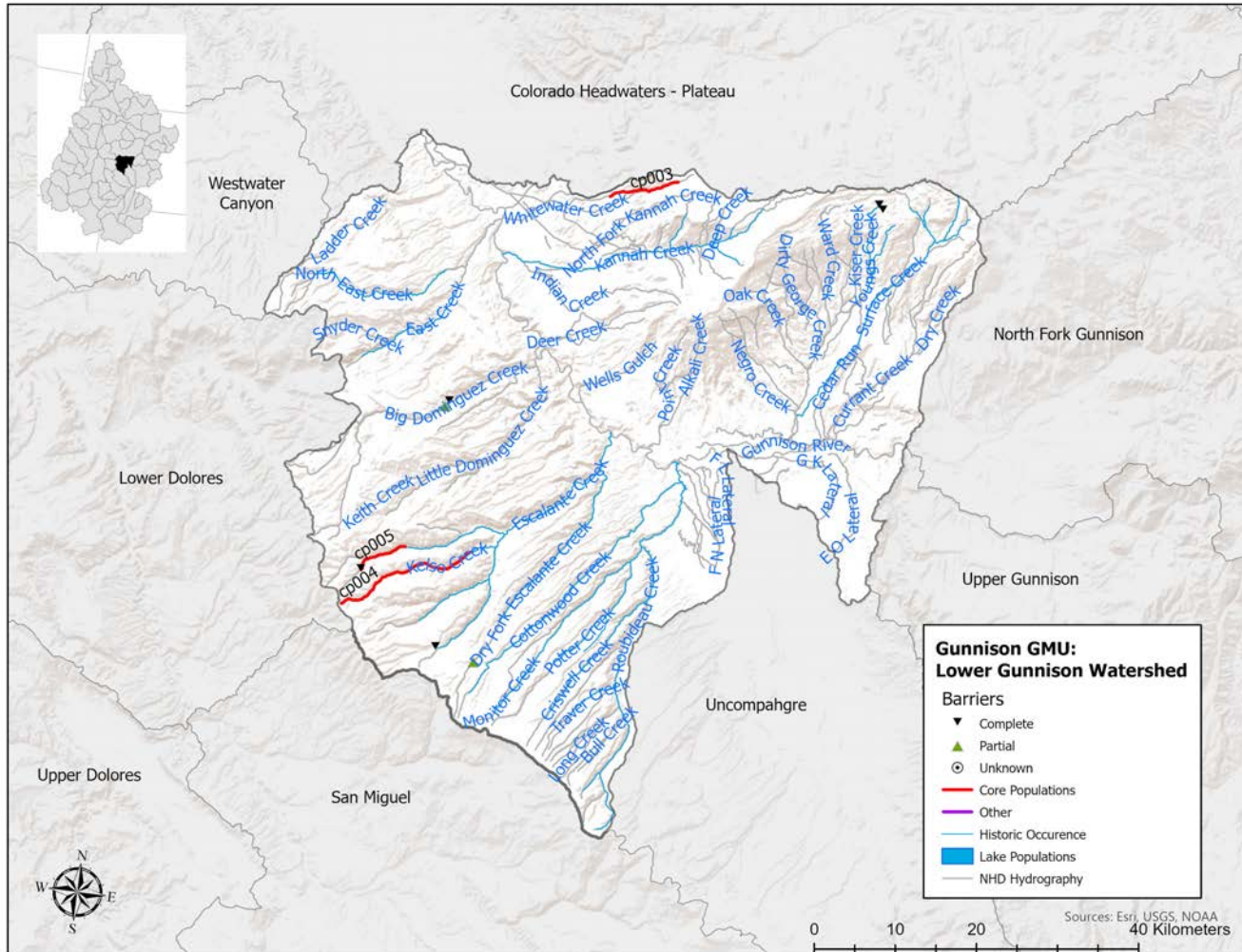


Appendix D - North Fork Gunnison: (2010 Assessment Pg. 101)

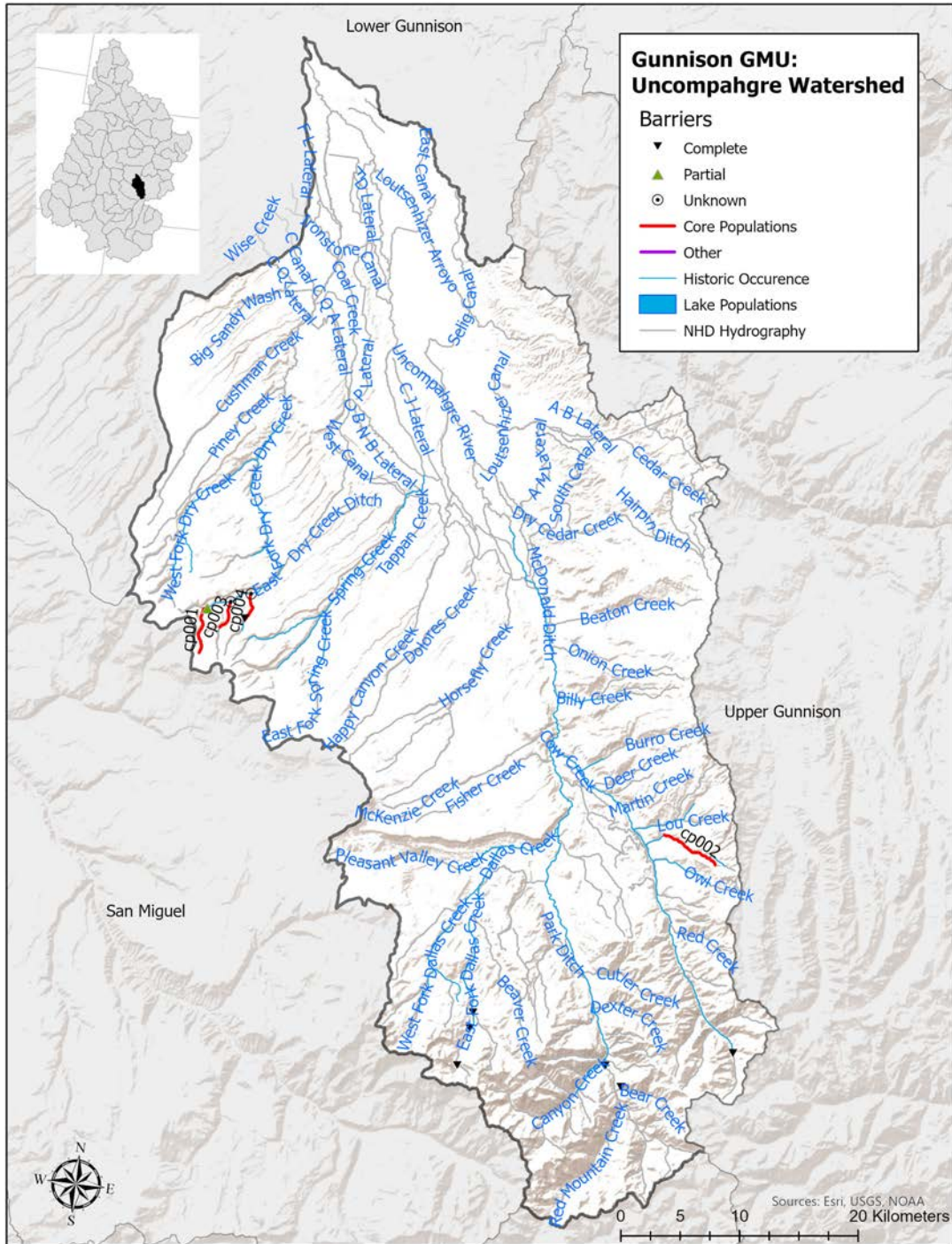


Appendix D - Lower Gunnison: (2010 Assessment Pg. 102)

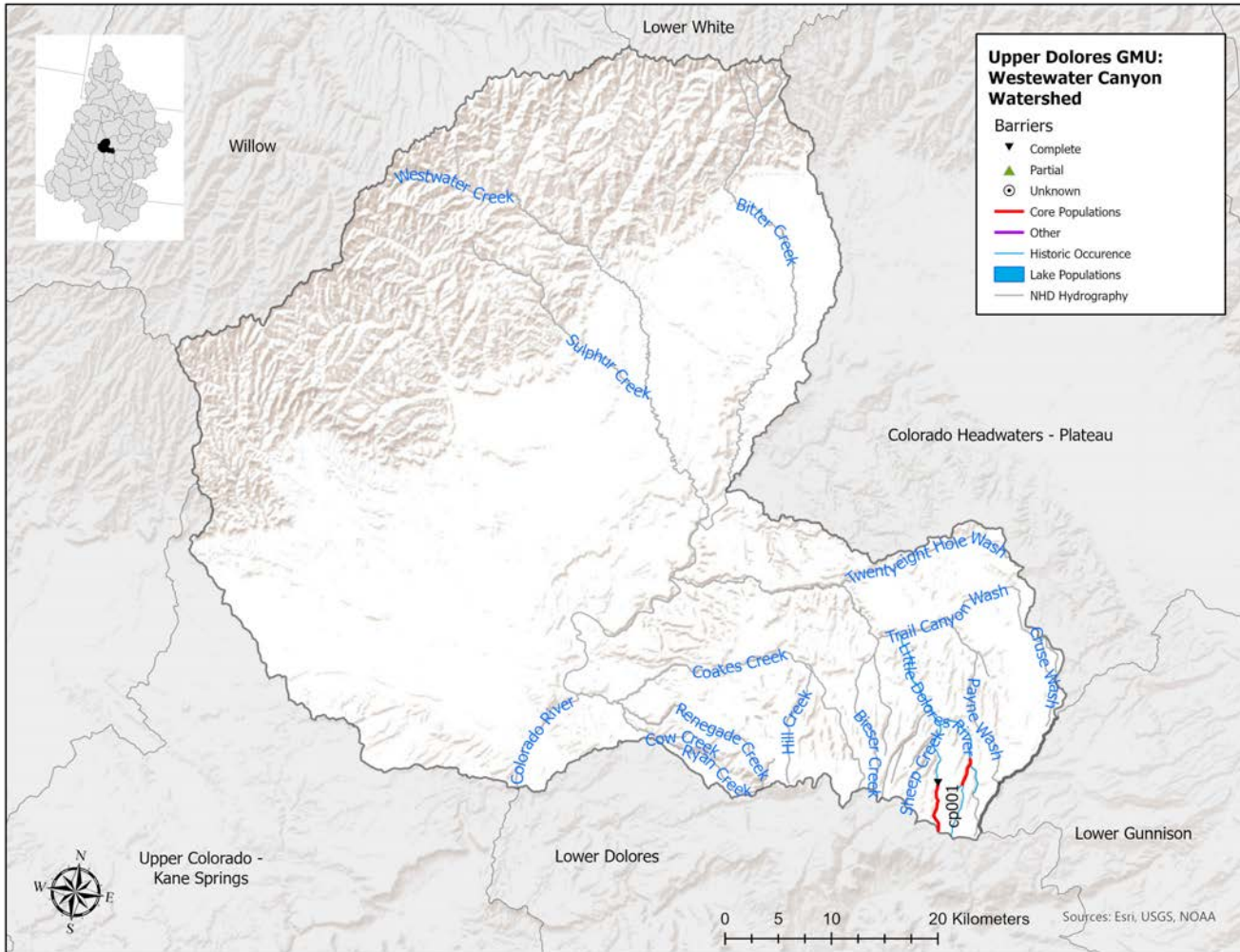
66



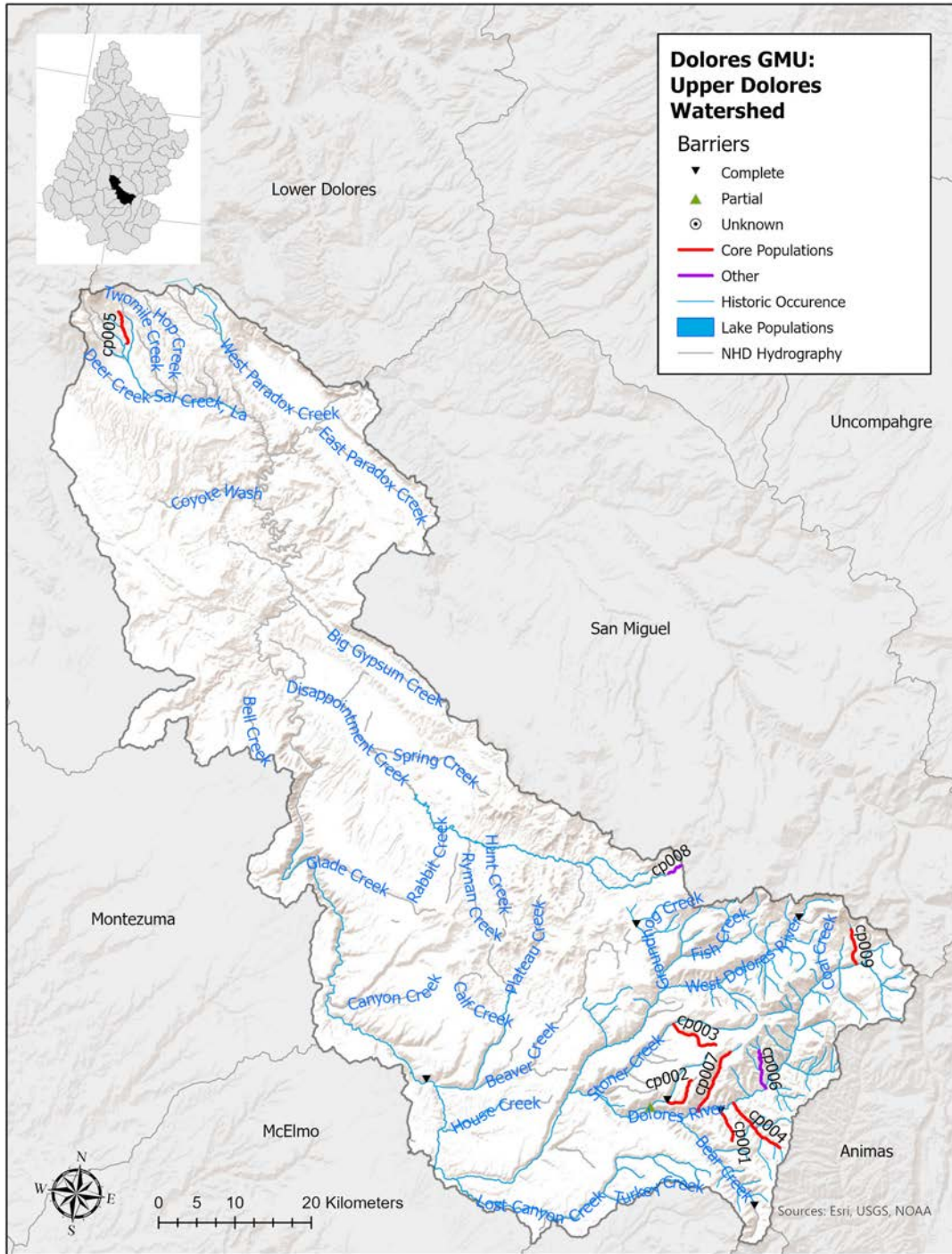
Appendix D - Uncompahgre: (2010 Assessment Pg. 103)



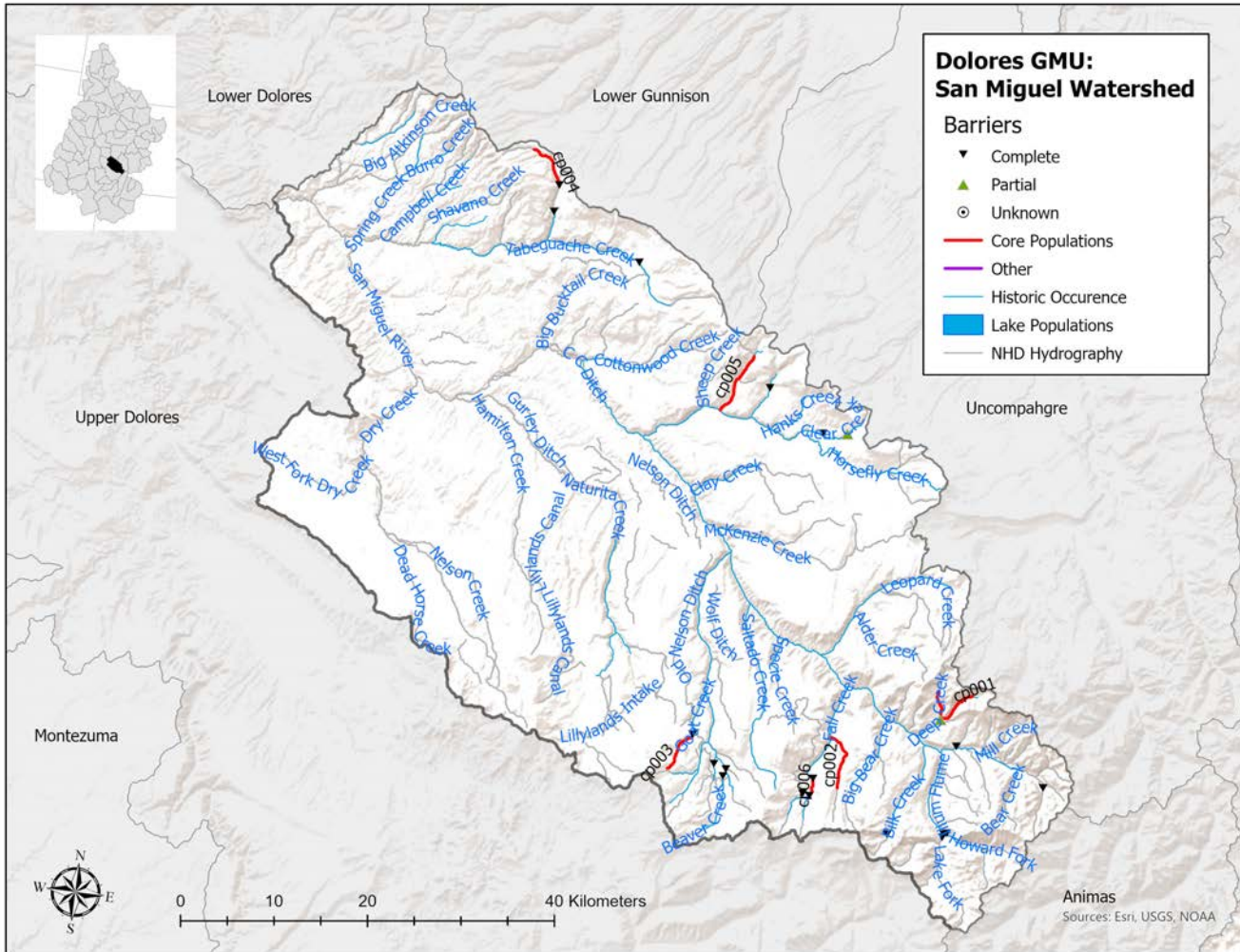
Appendix D - Westwater Canyon: (2010 Assessment Pg. 104)



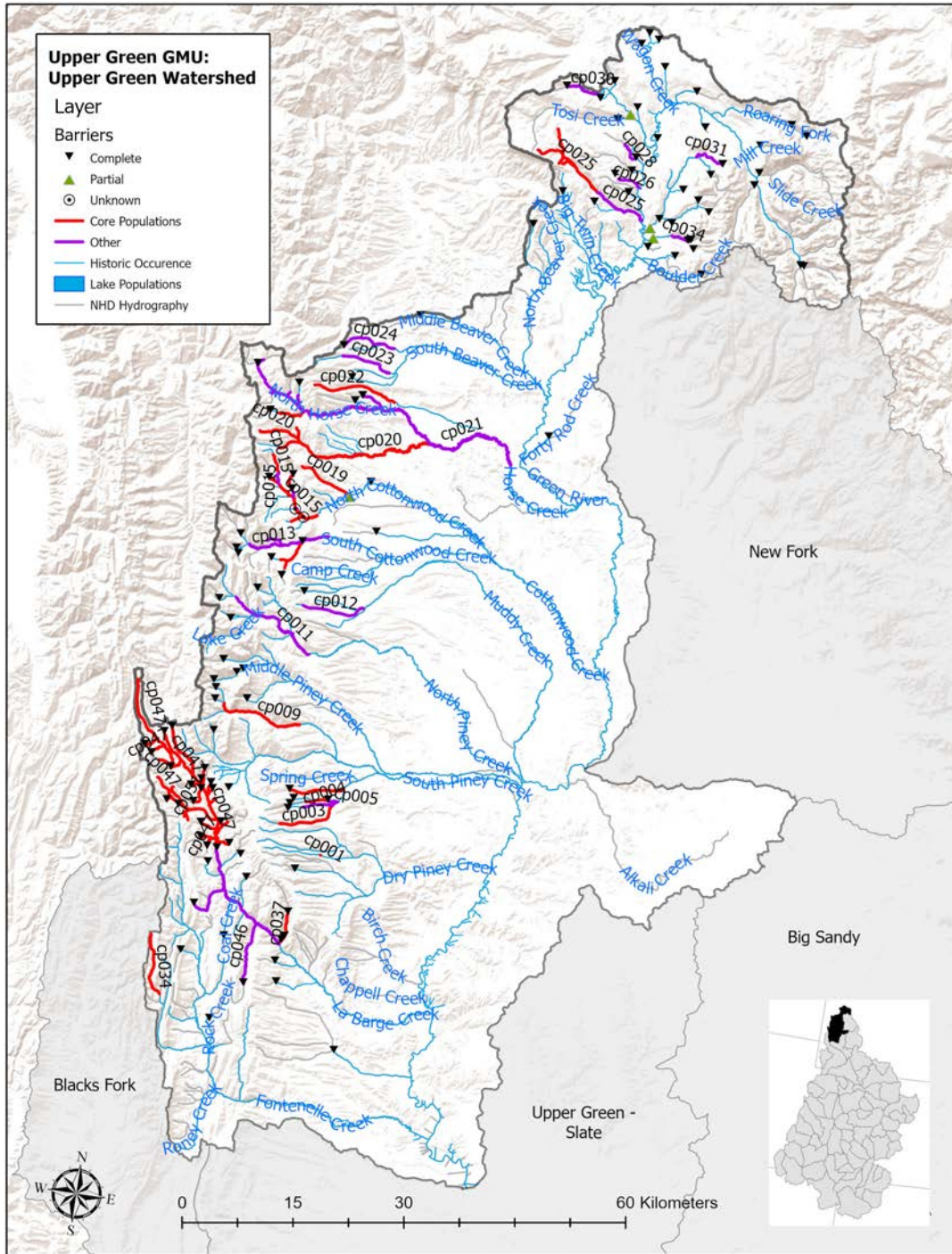
Appendix D - Upper Dolores: (2010 Assessment Pg. 105)



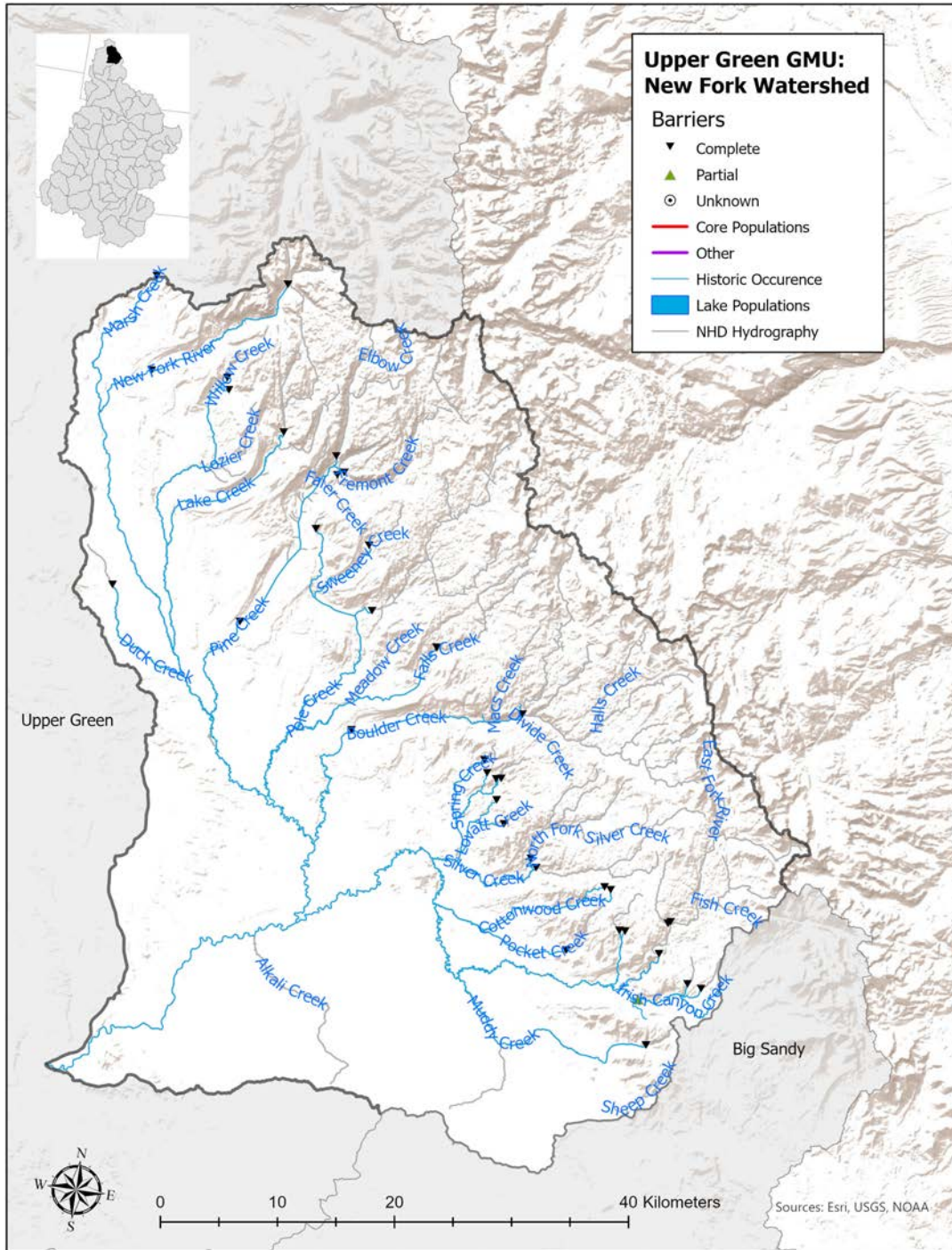
Appendix D - San Miguel: (2010 Assessment Pg. 106)



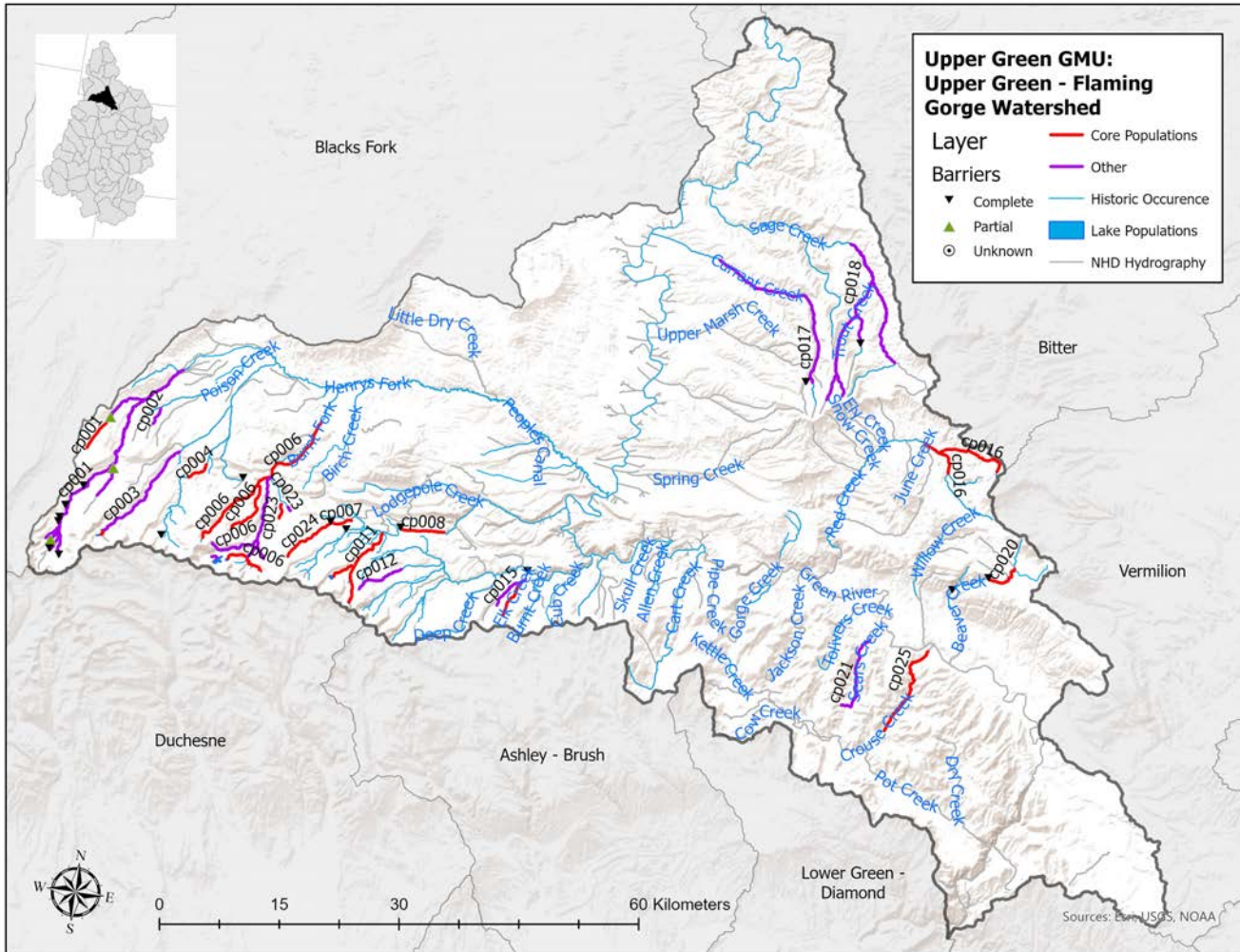
Appendix D - Upper Green: (2010 Assessment Pg. 107)

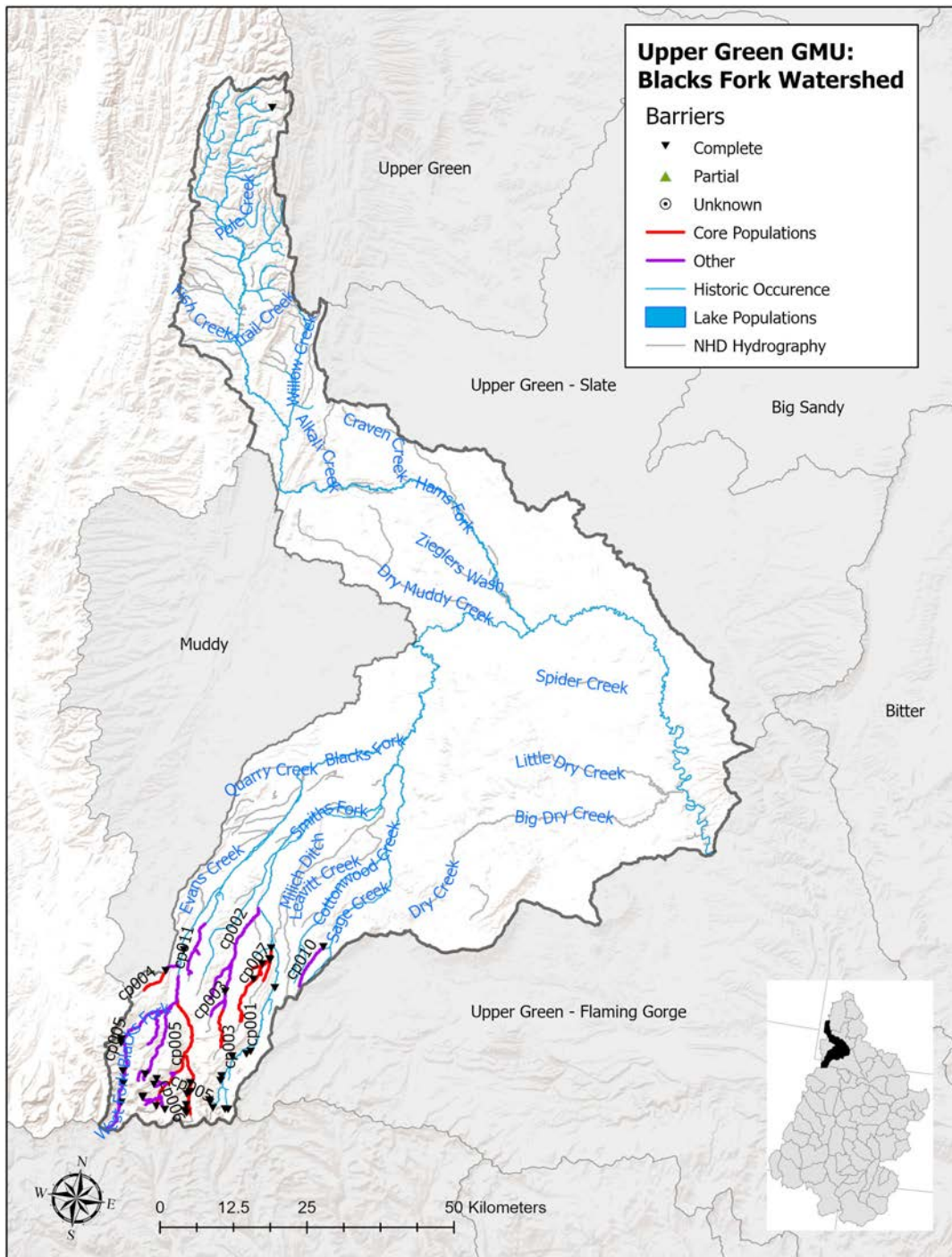


Appendix D - New Fork: (2010 Assessment Pg. 108)

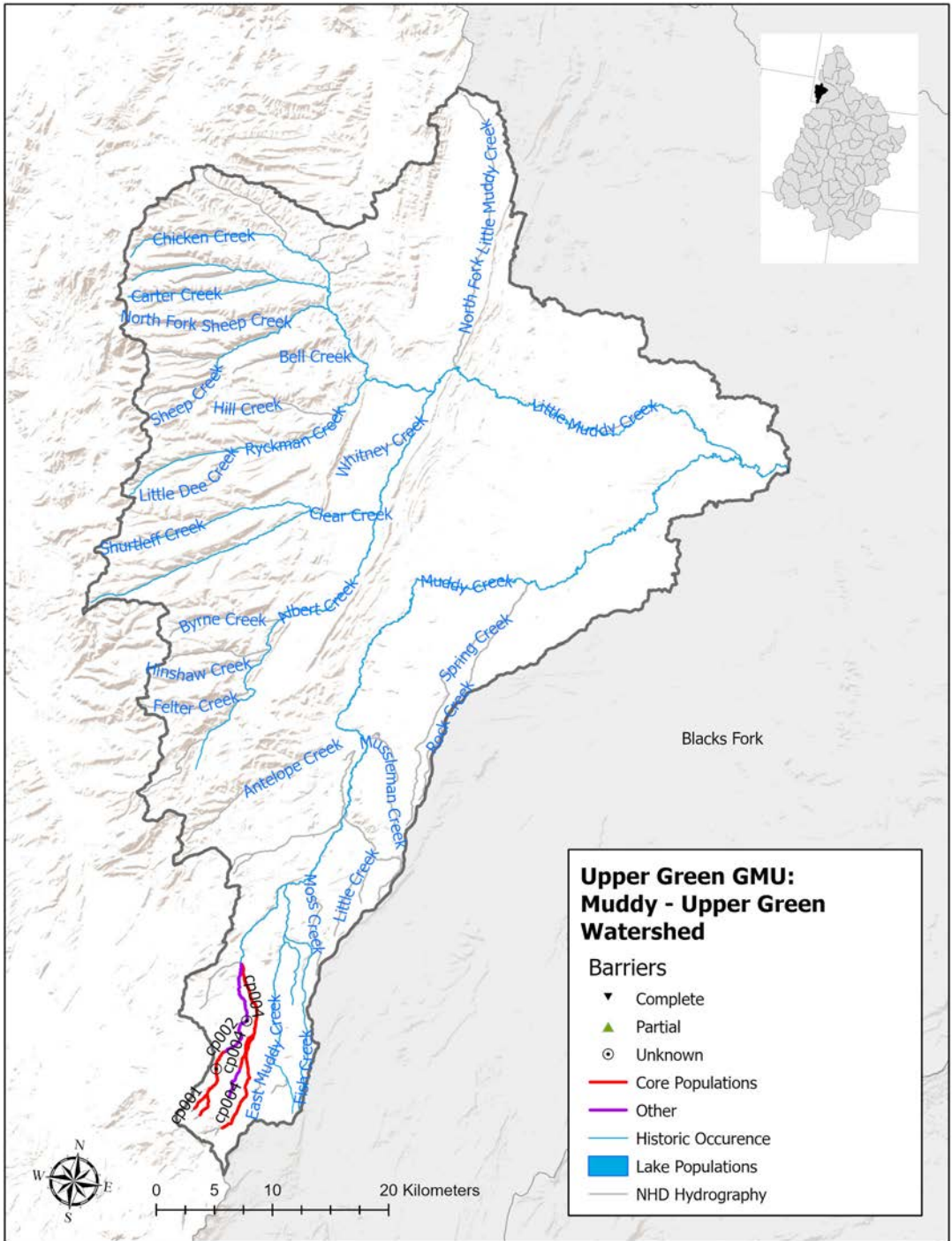


Appendix D - Upper Green - Flaming Gorge: (2010 Assessment Pg. 109)

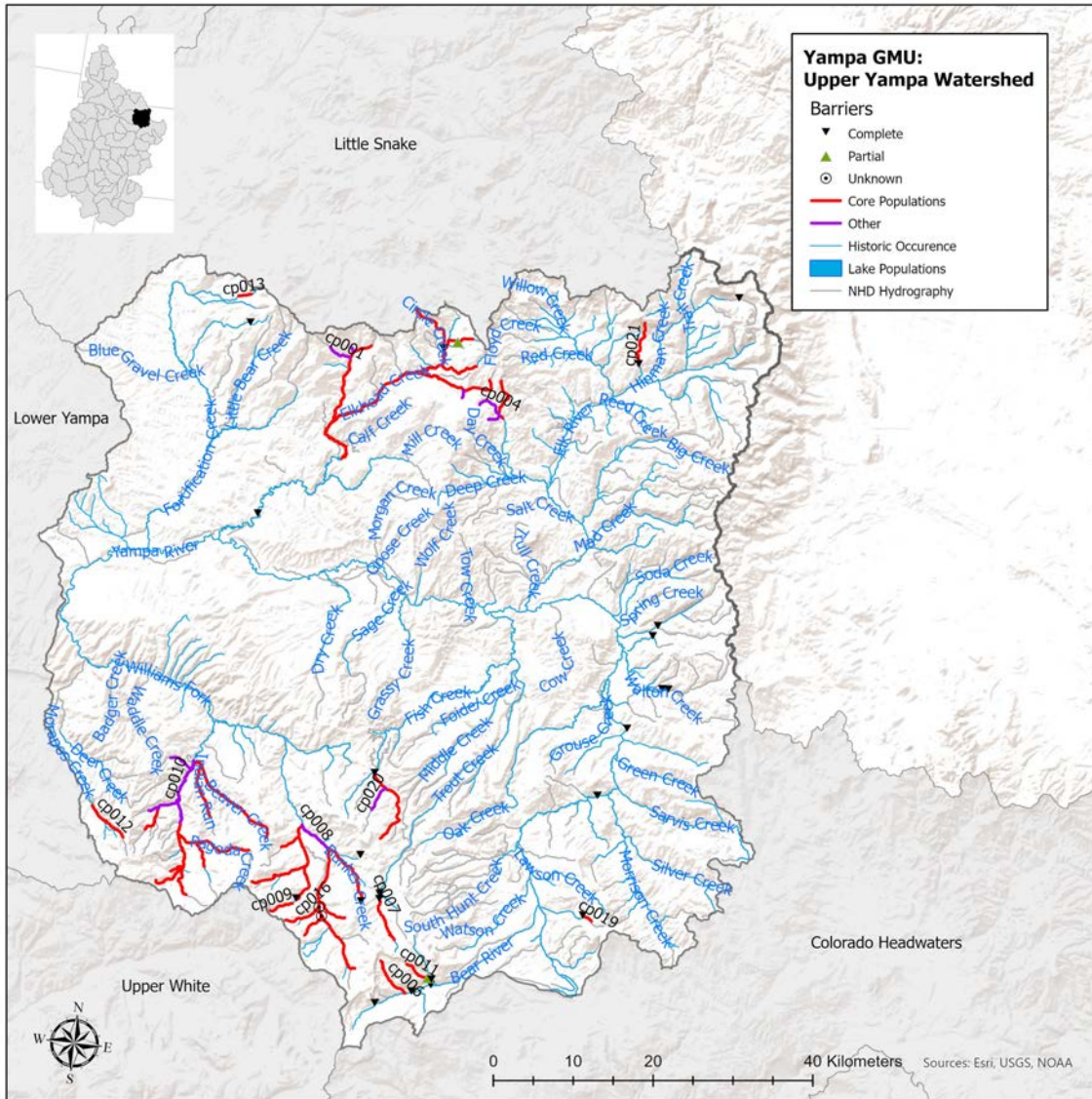




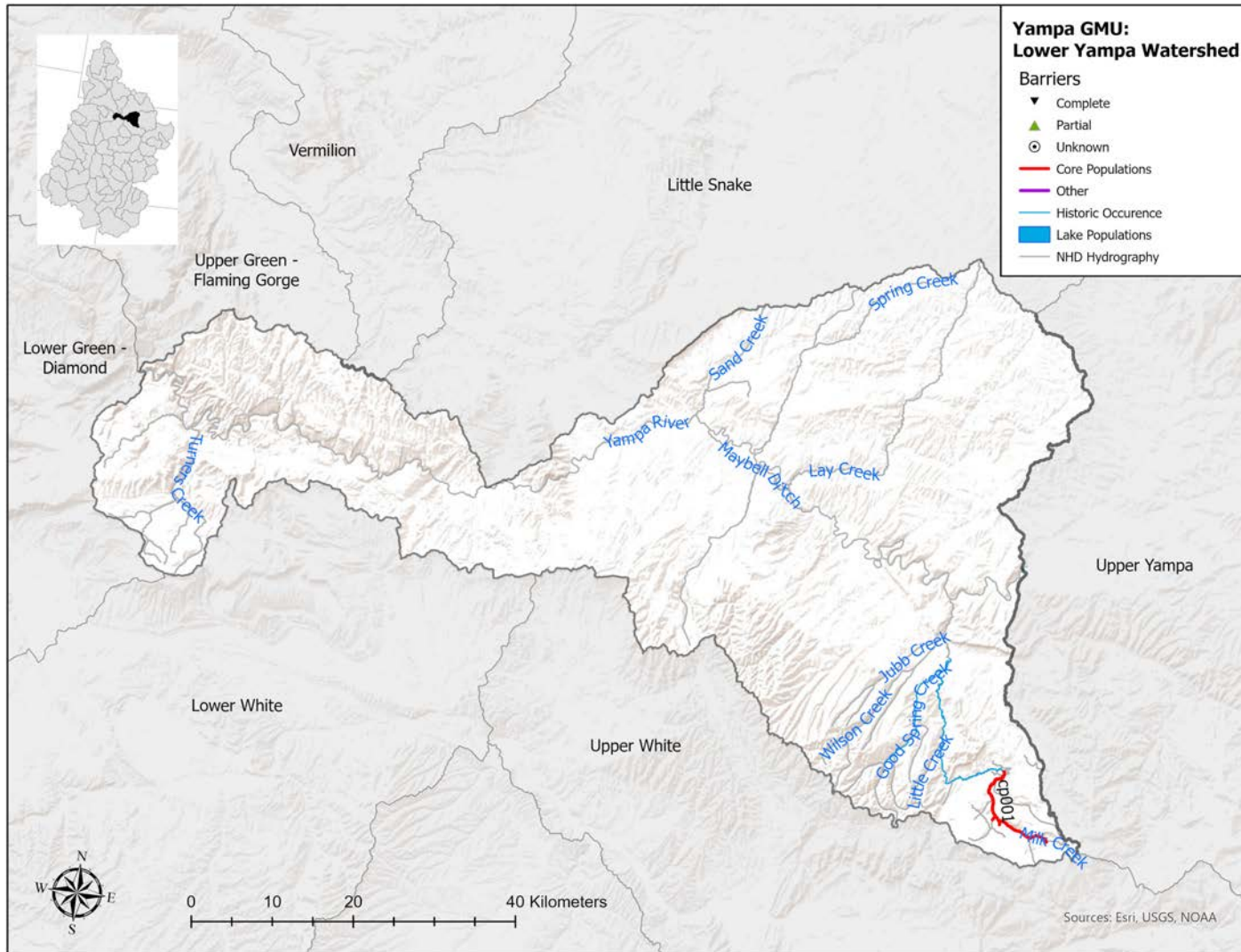
Appendix D - Muddy - Upper Green: (2010 Assessment Pg. 111)



Appendix D - Upper Yampa: (2010 Assessment Pg. 112)

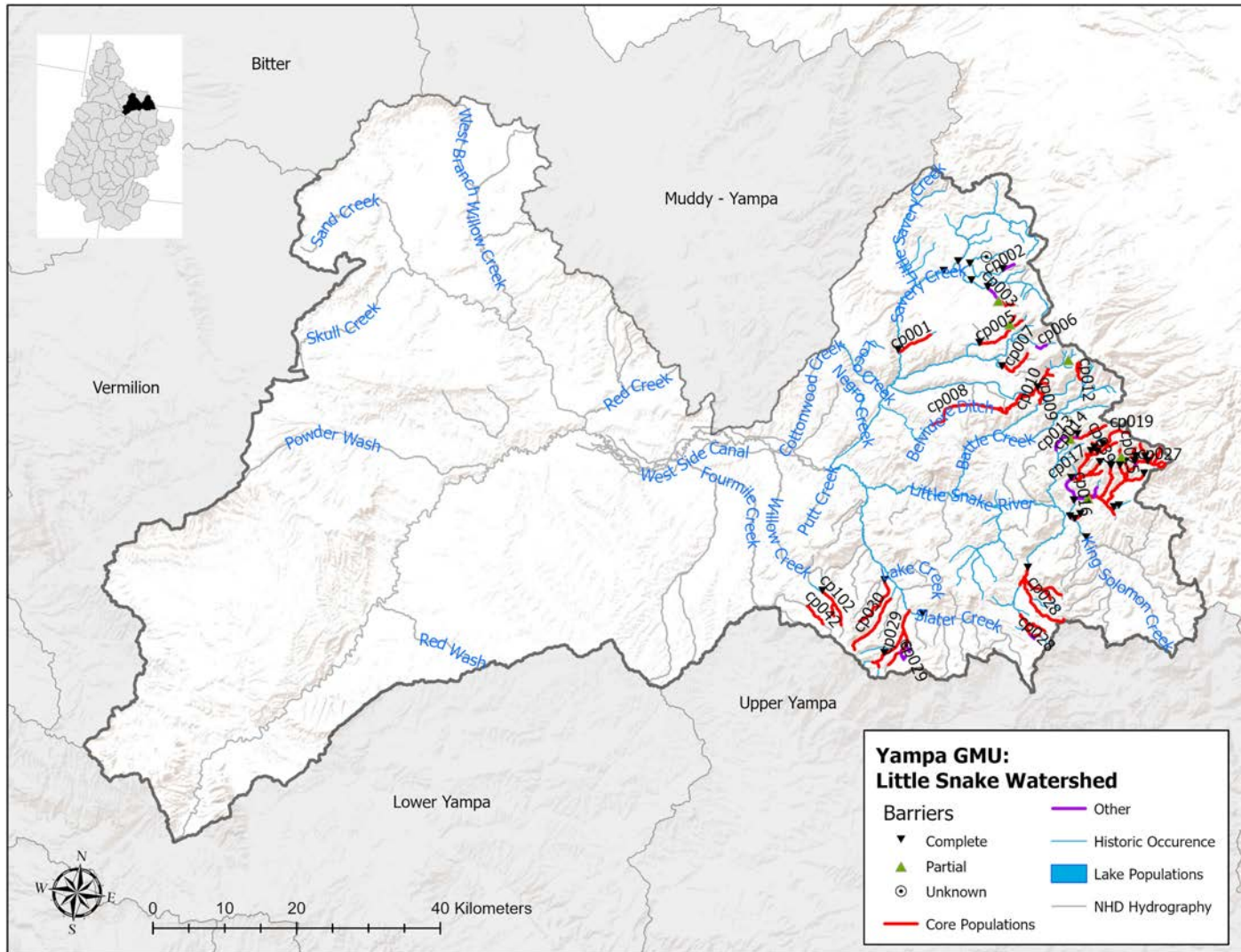


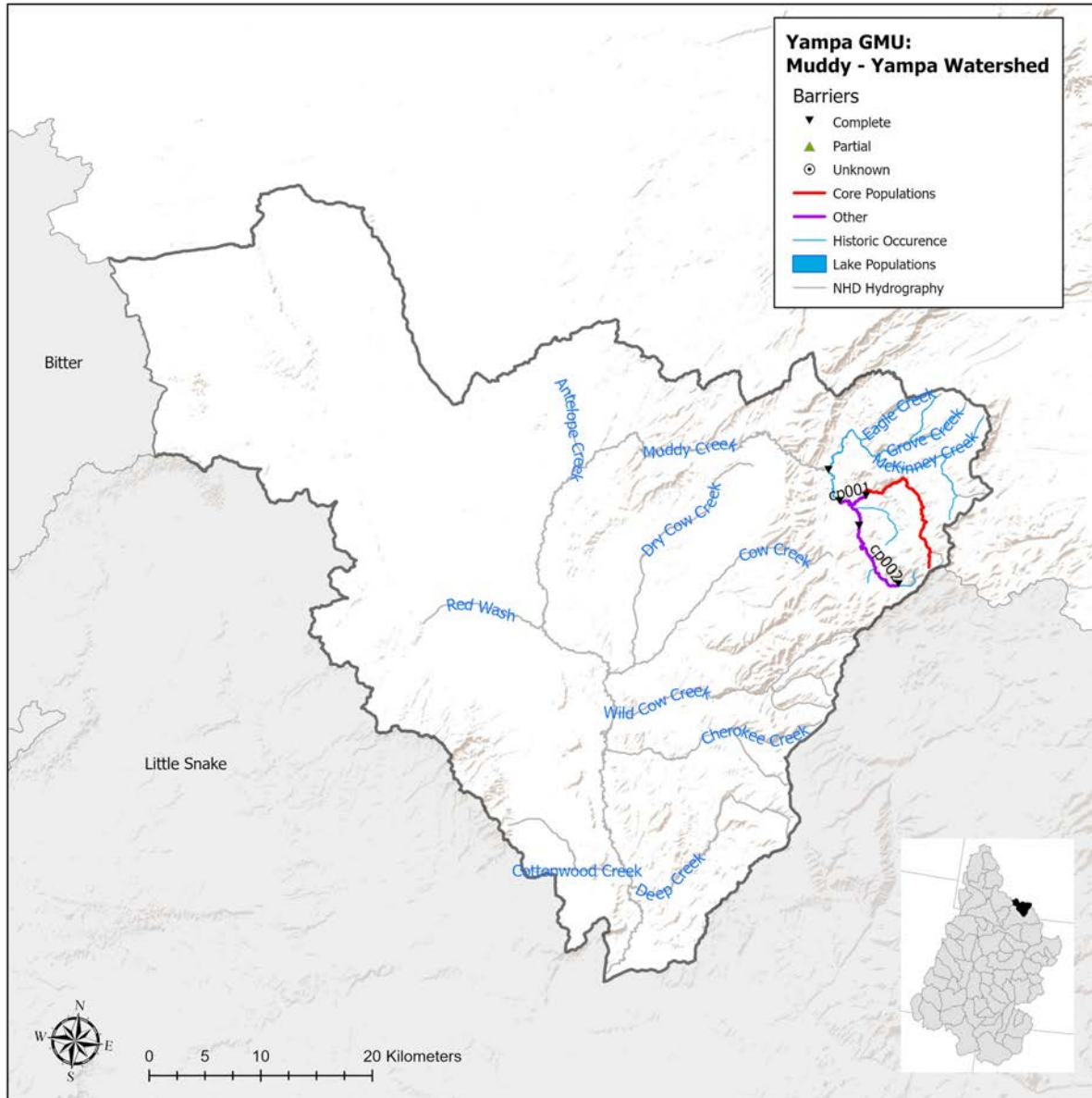
Appendix D - Lower Yampa: (2010 Assessment Pg. 113)



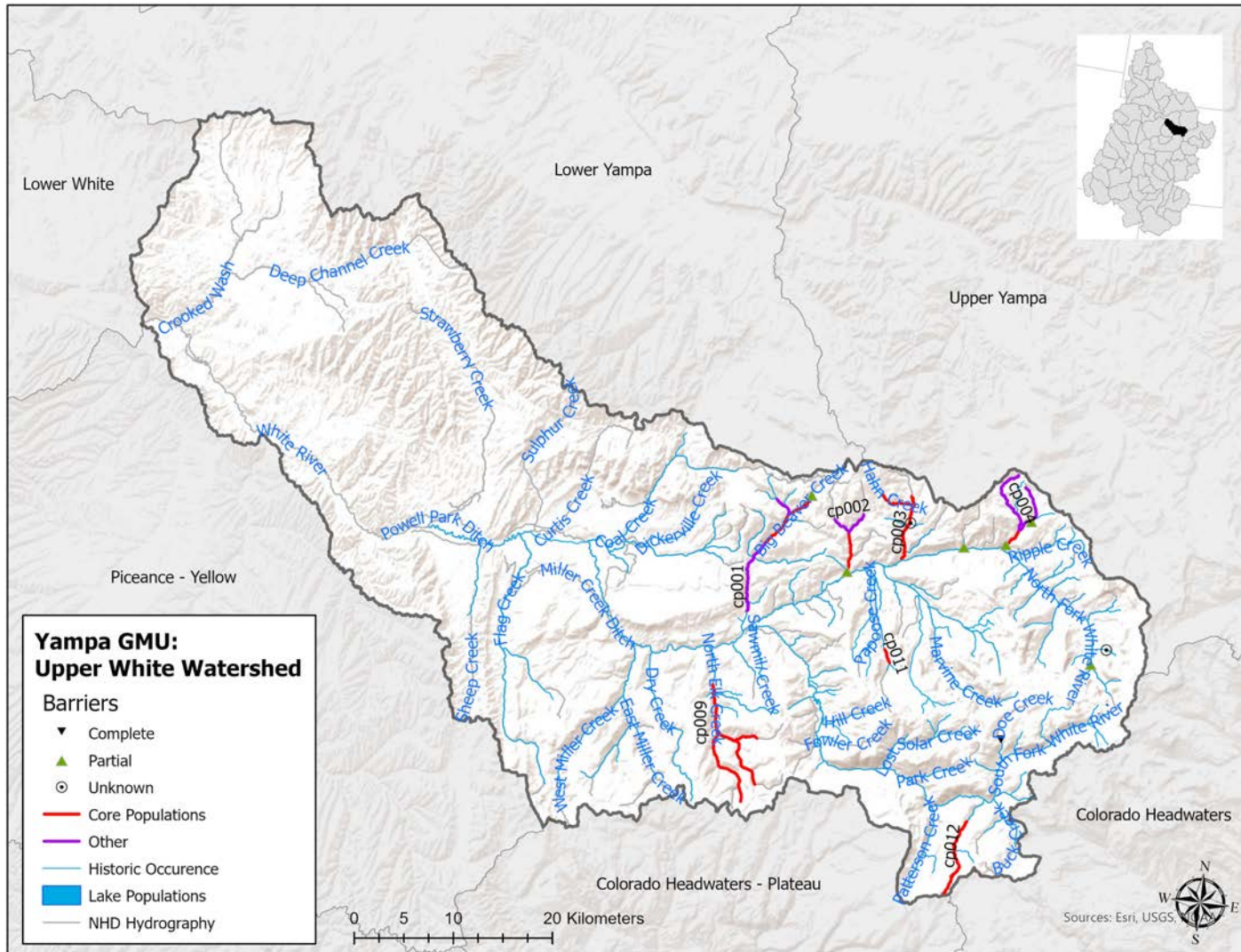
Appendix D - Little Snake: (2010 Assessment Pg. 114)

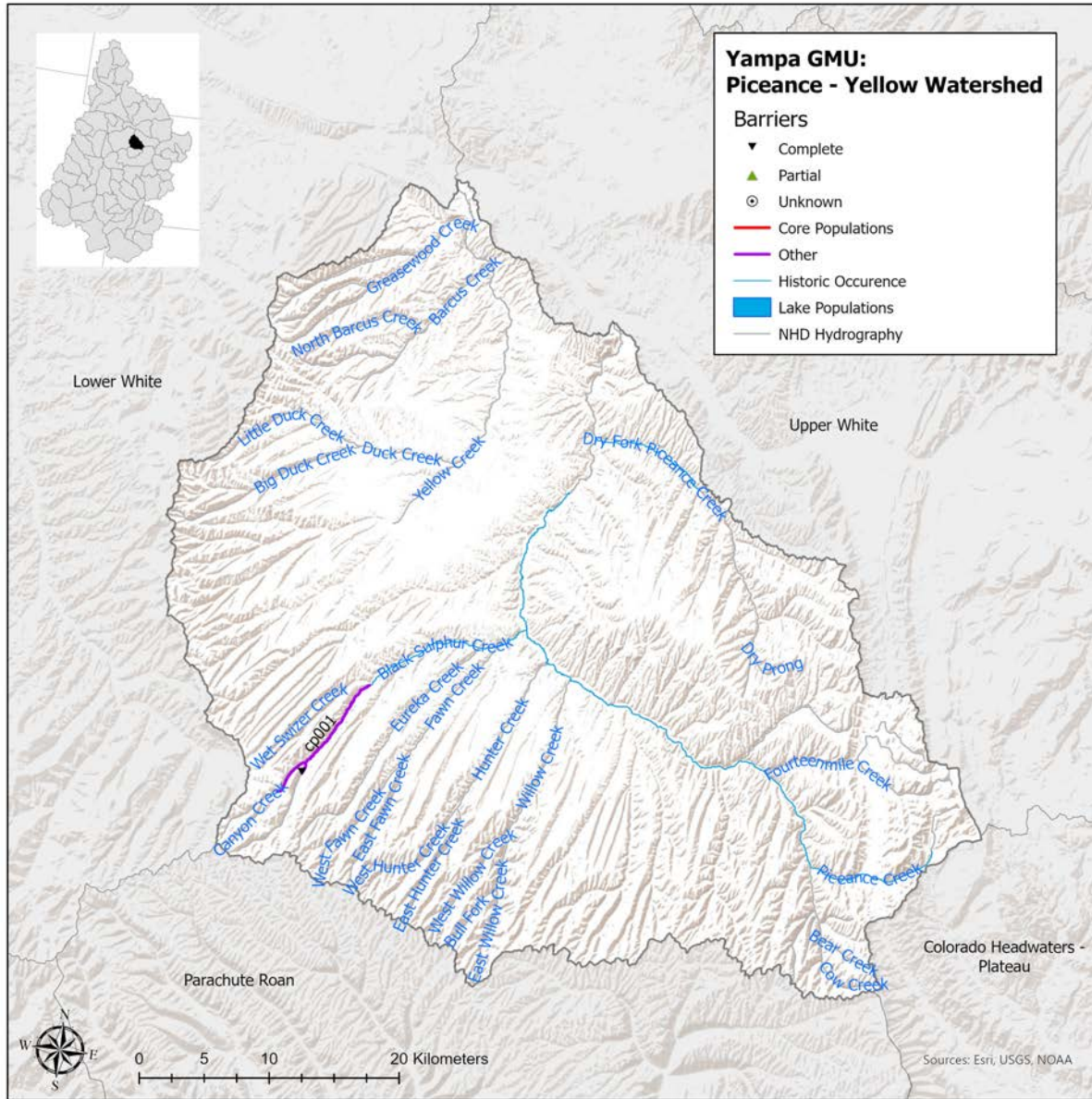
78



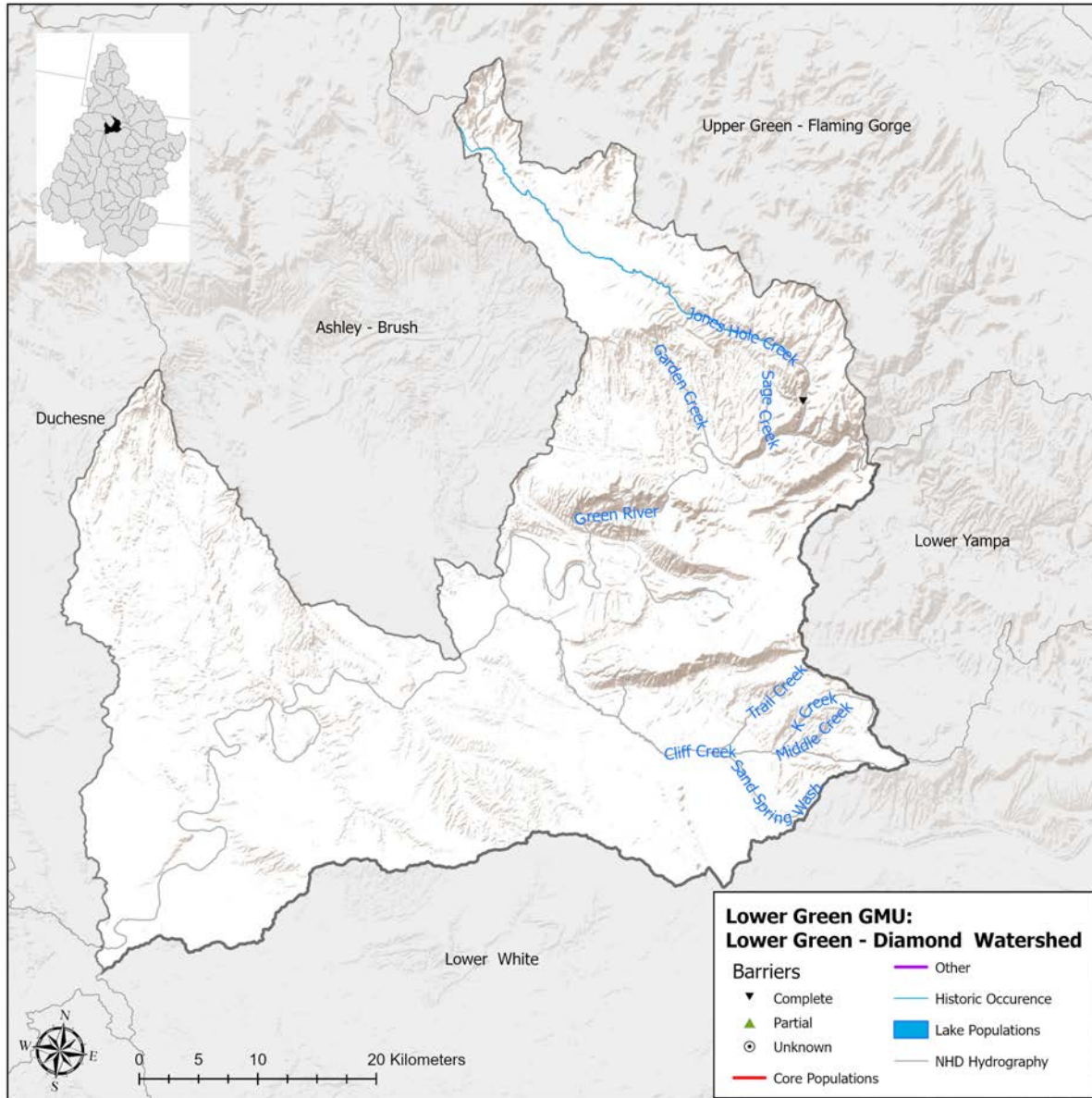


Appendix D - Upper White: (2010 Assessment Pg. 116)



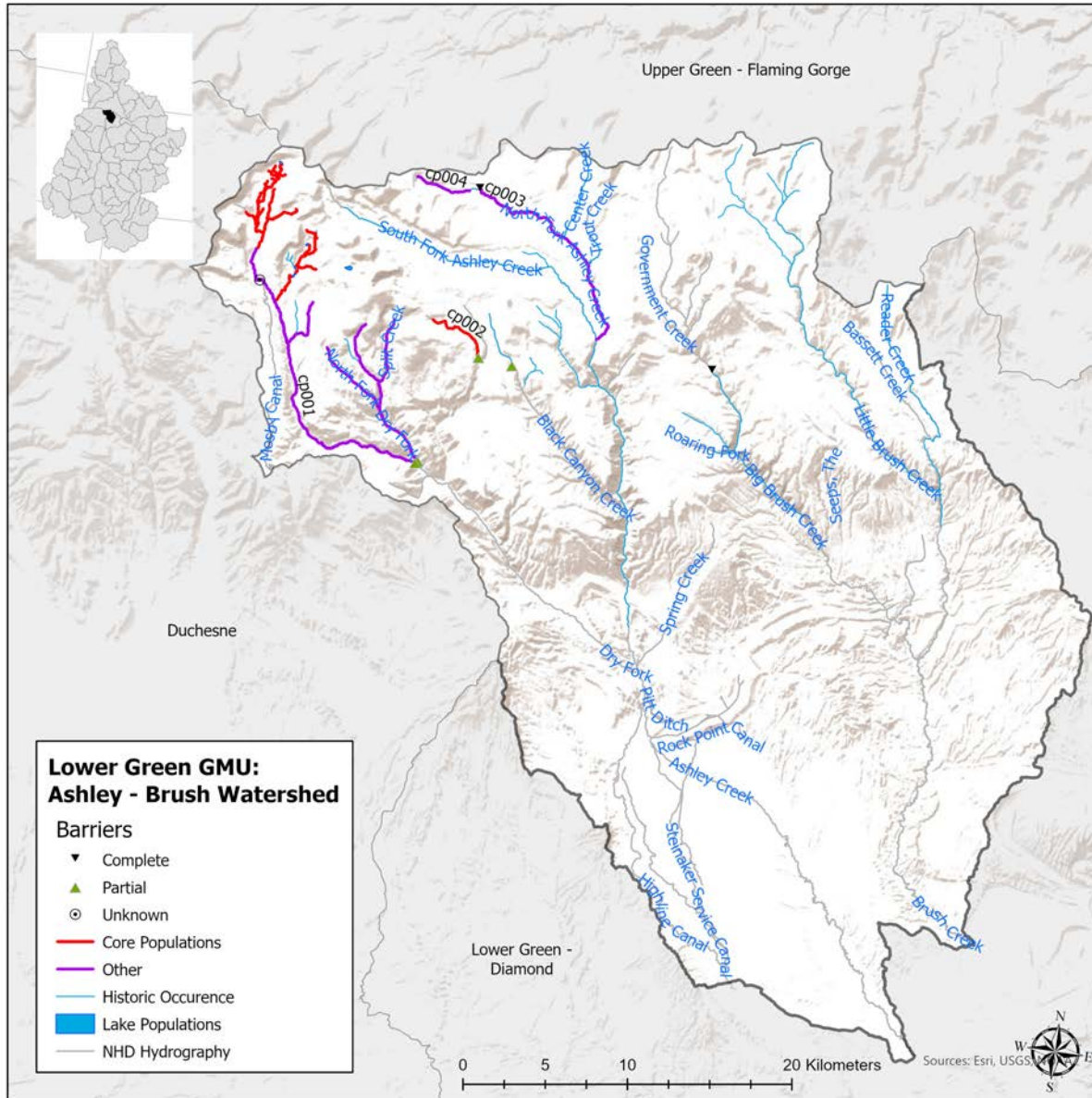


Appendix D - Lower Green - Diamond: (2010 Assessment Pg. 118)

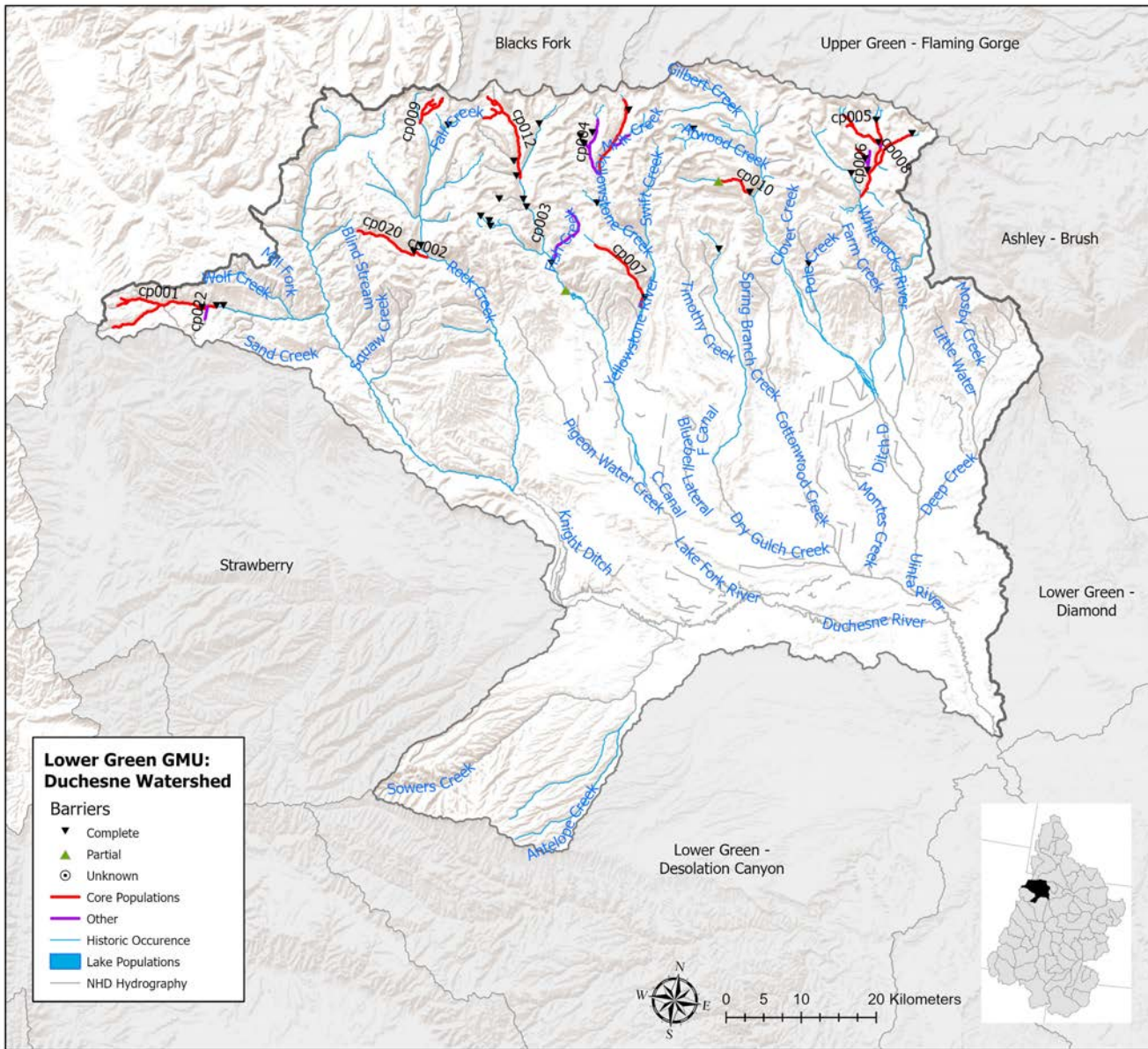


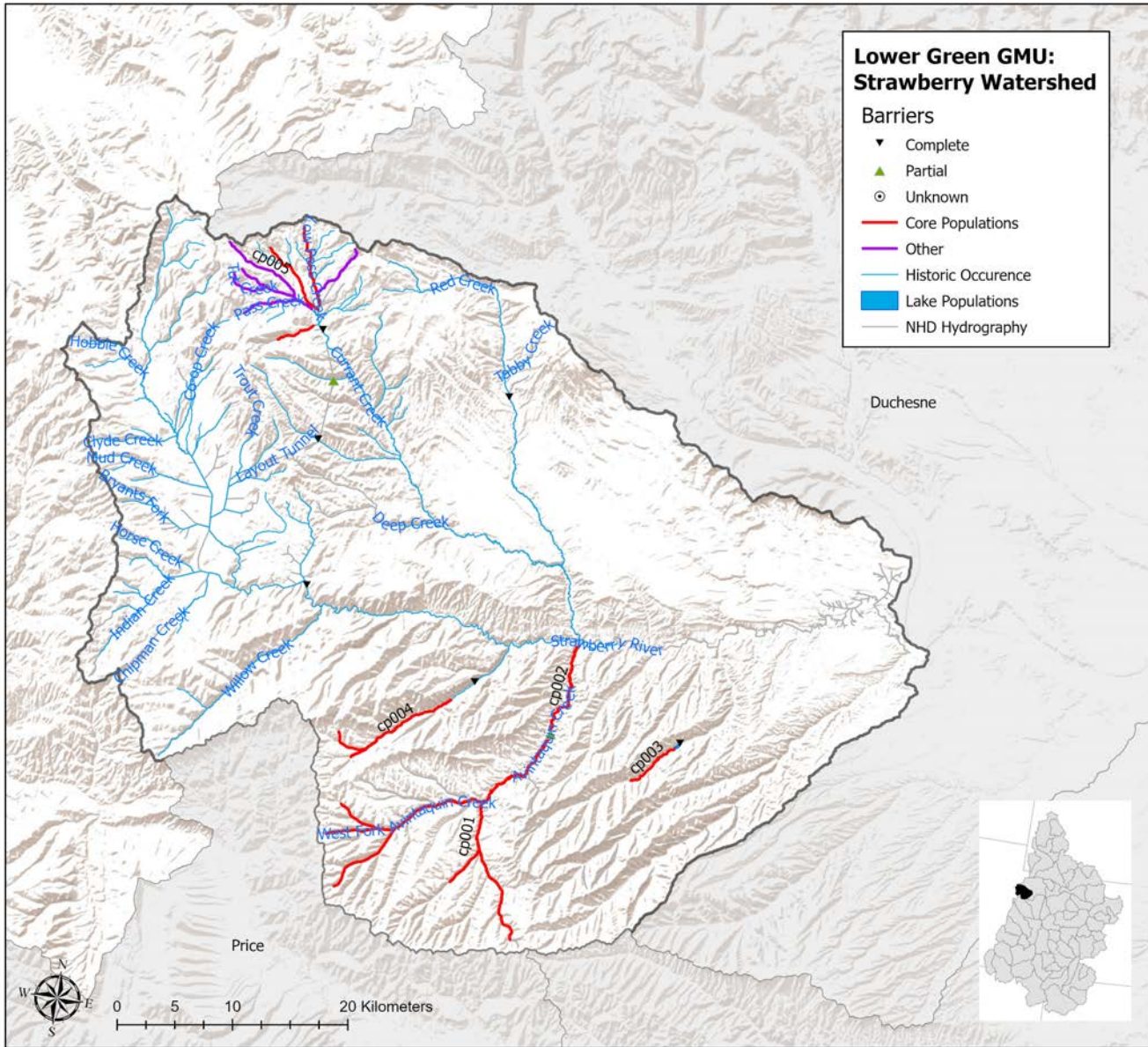
Appendix D - Ashley - Brush: (2010 Assessment Pg. 119)

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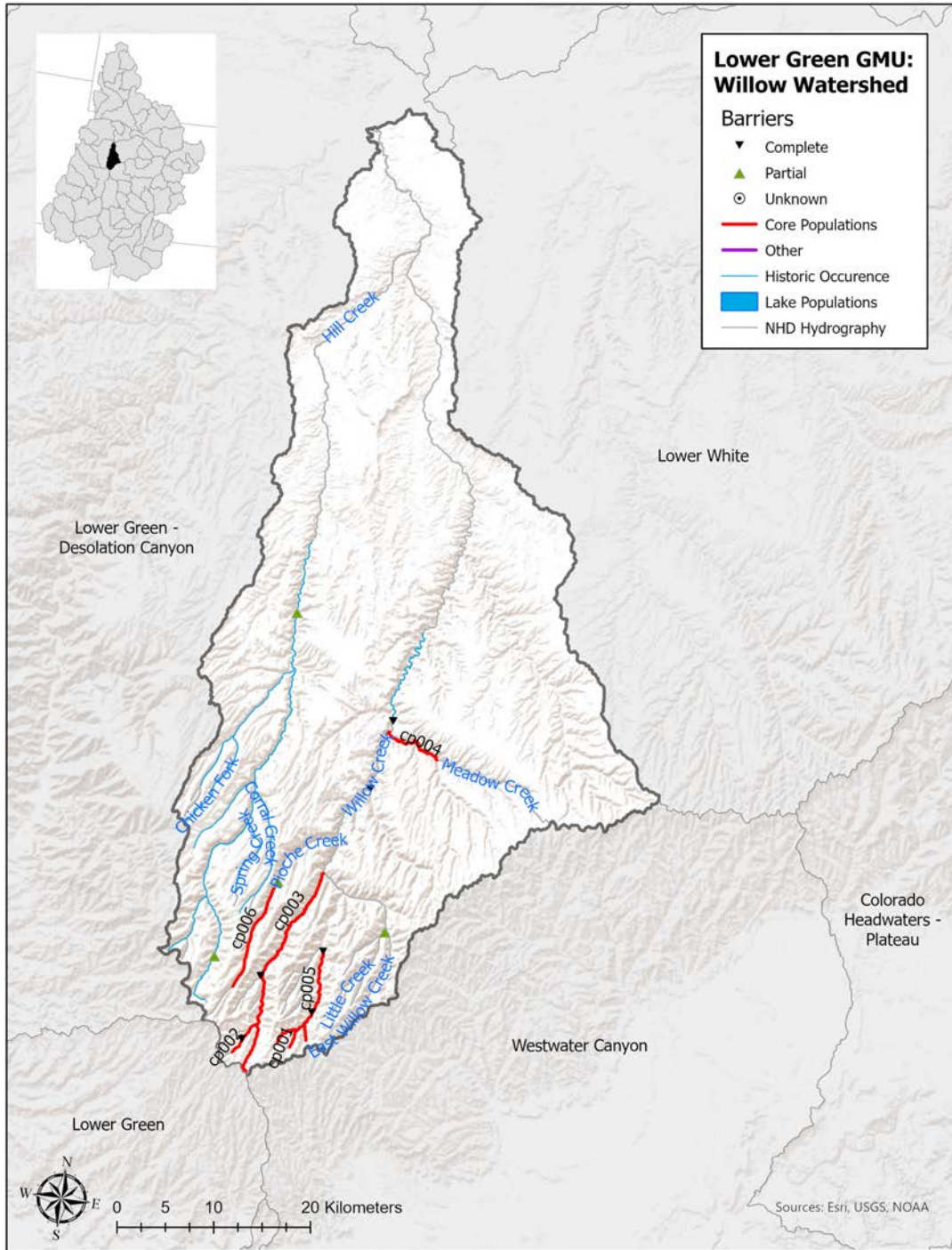


Appendix D - Duchesne: (2010 Assessment Pg. 120)

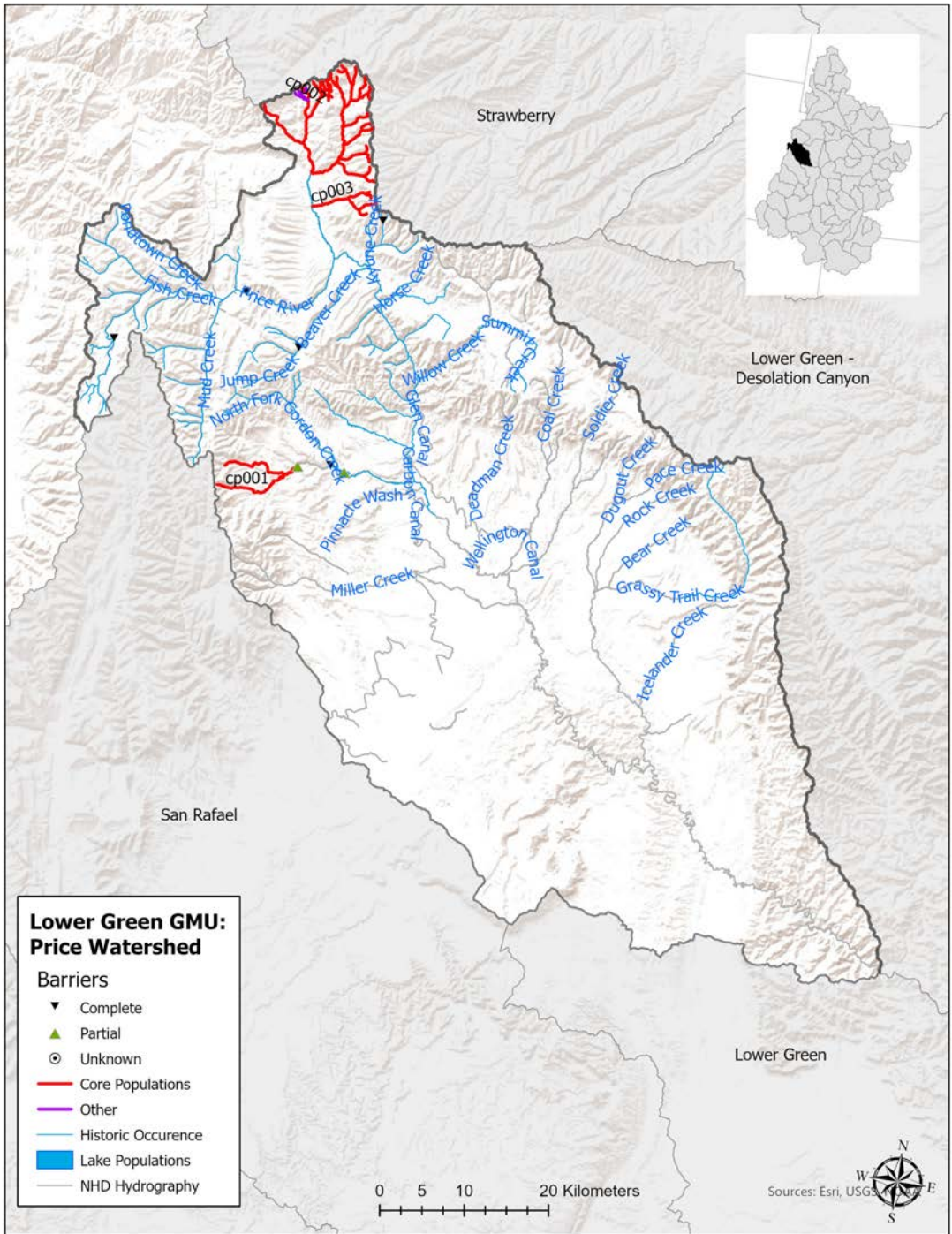


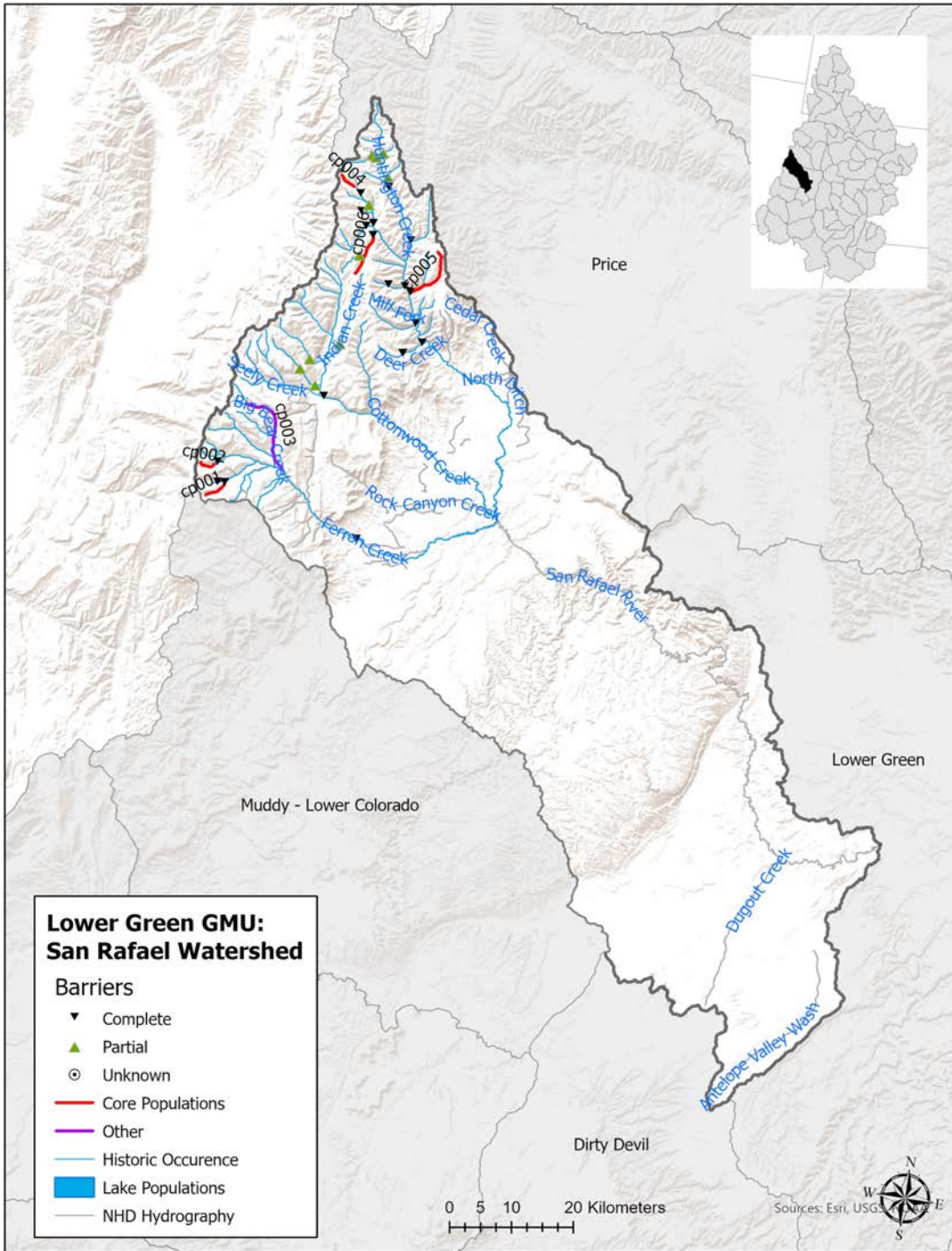


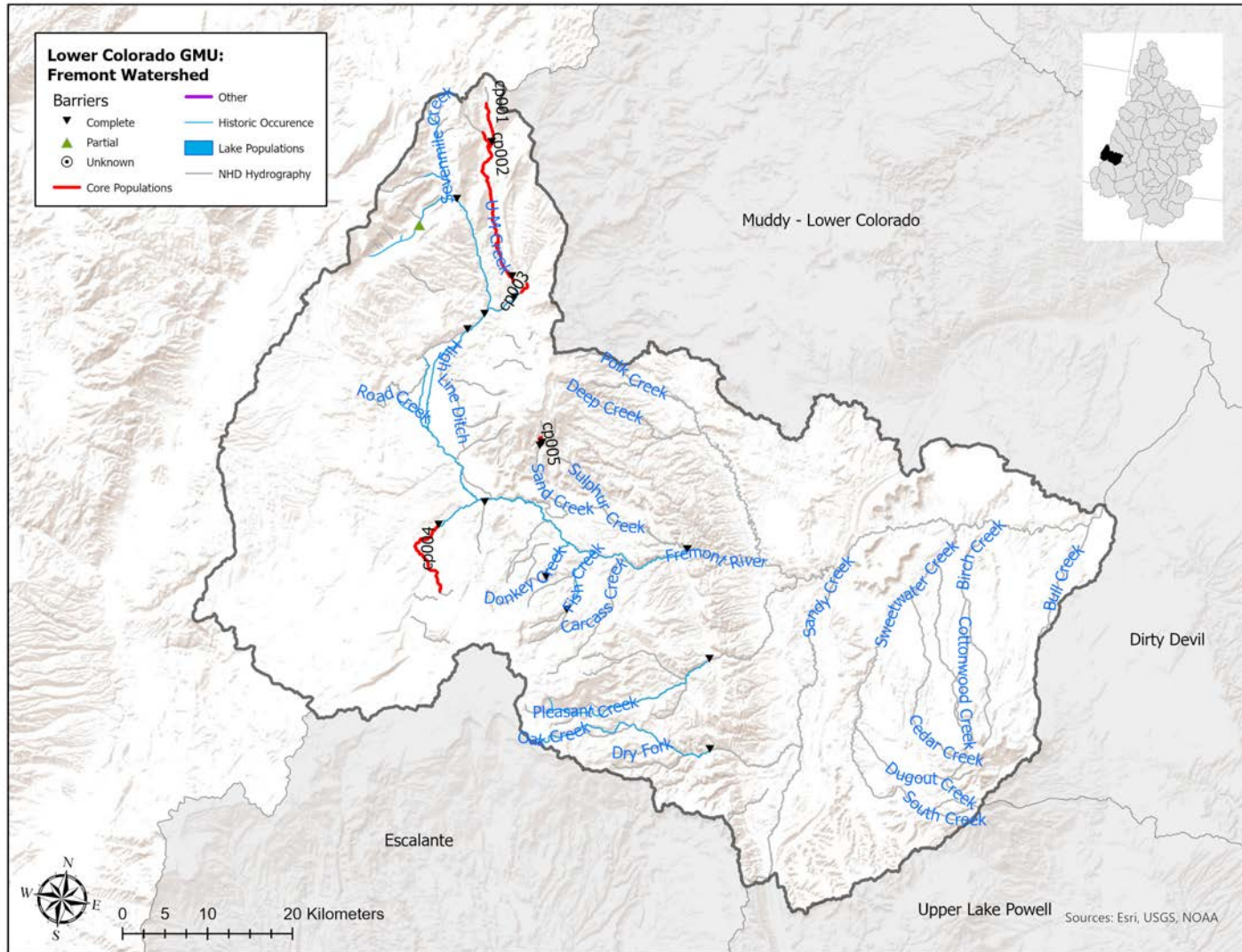
Appendix D - Willow: (2010 Assessment Pg. 122)



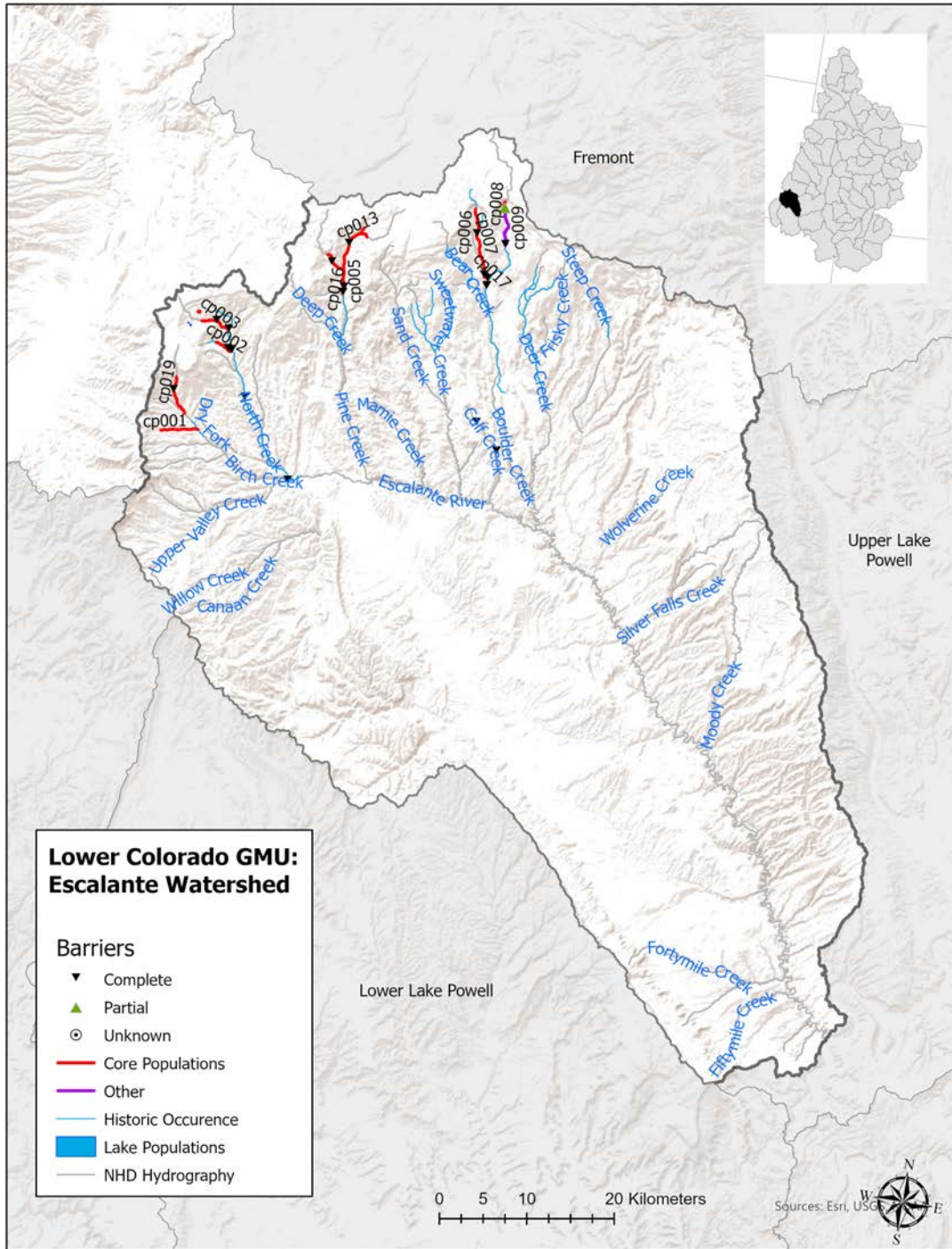
Appendix D - Price: (2010 Assessment Pg. 123)



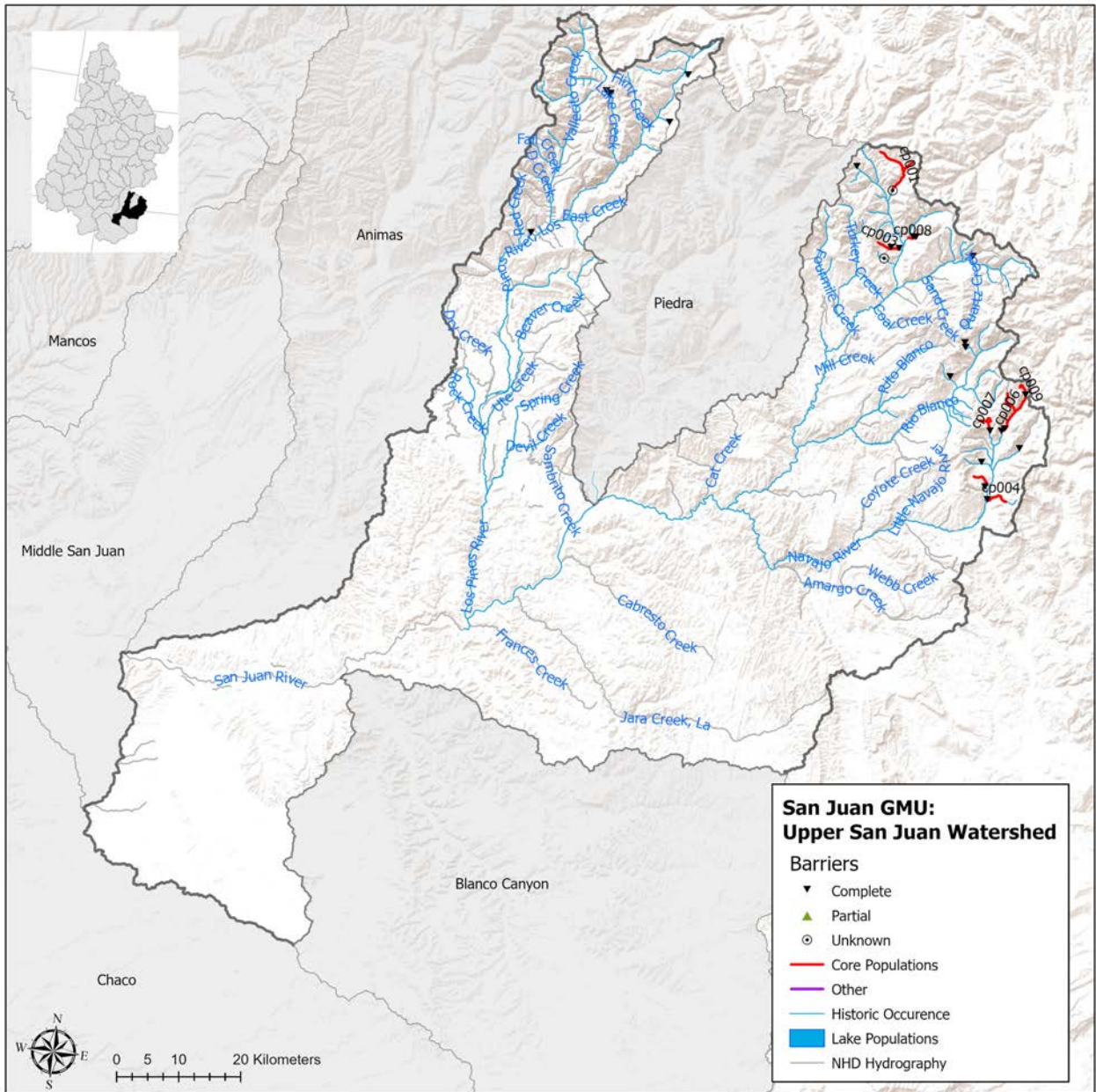




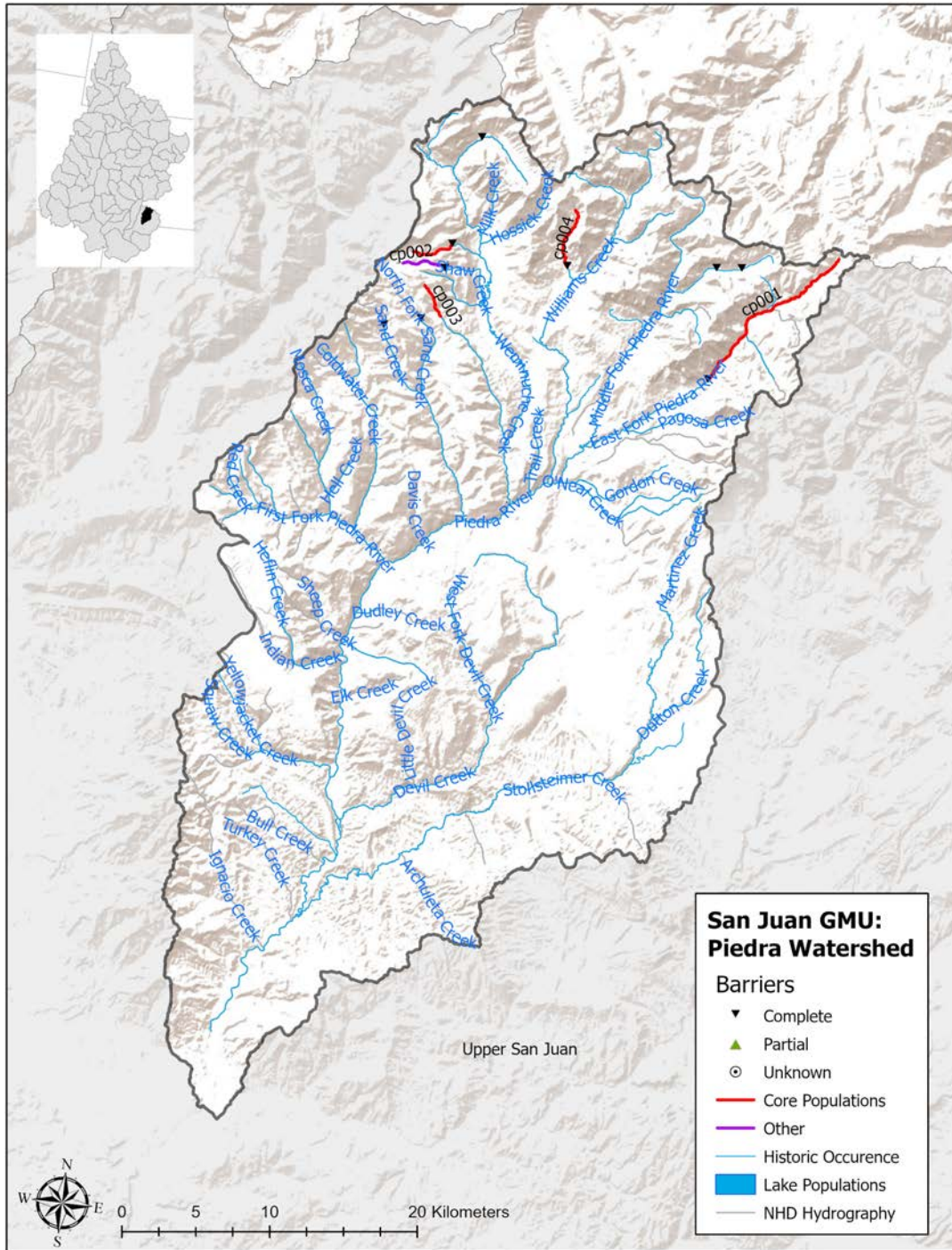
Appendix D - Escalante: (2010 Assessment Pg. 126)



Appendix D - Upper San Juan: (2010 Assessment Pg. 127)



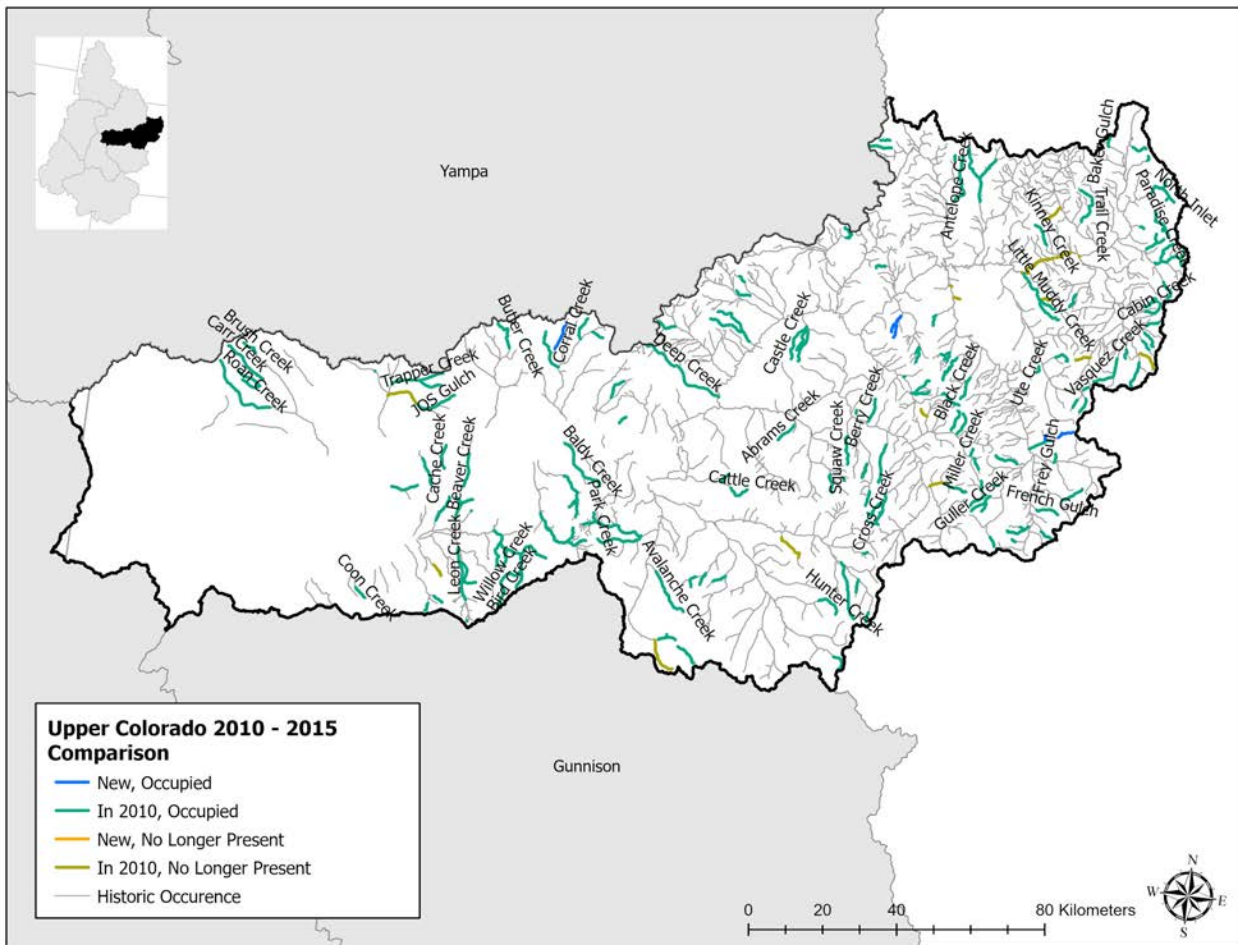
Appendix D - Piedra: (2010 Assessment Pg. 128)



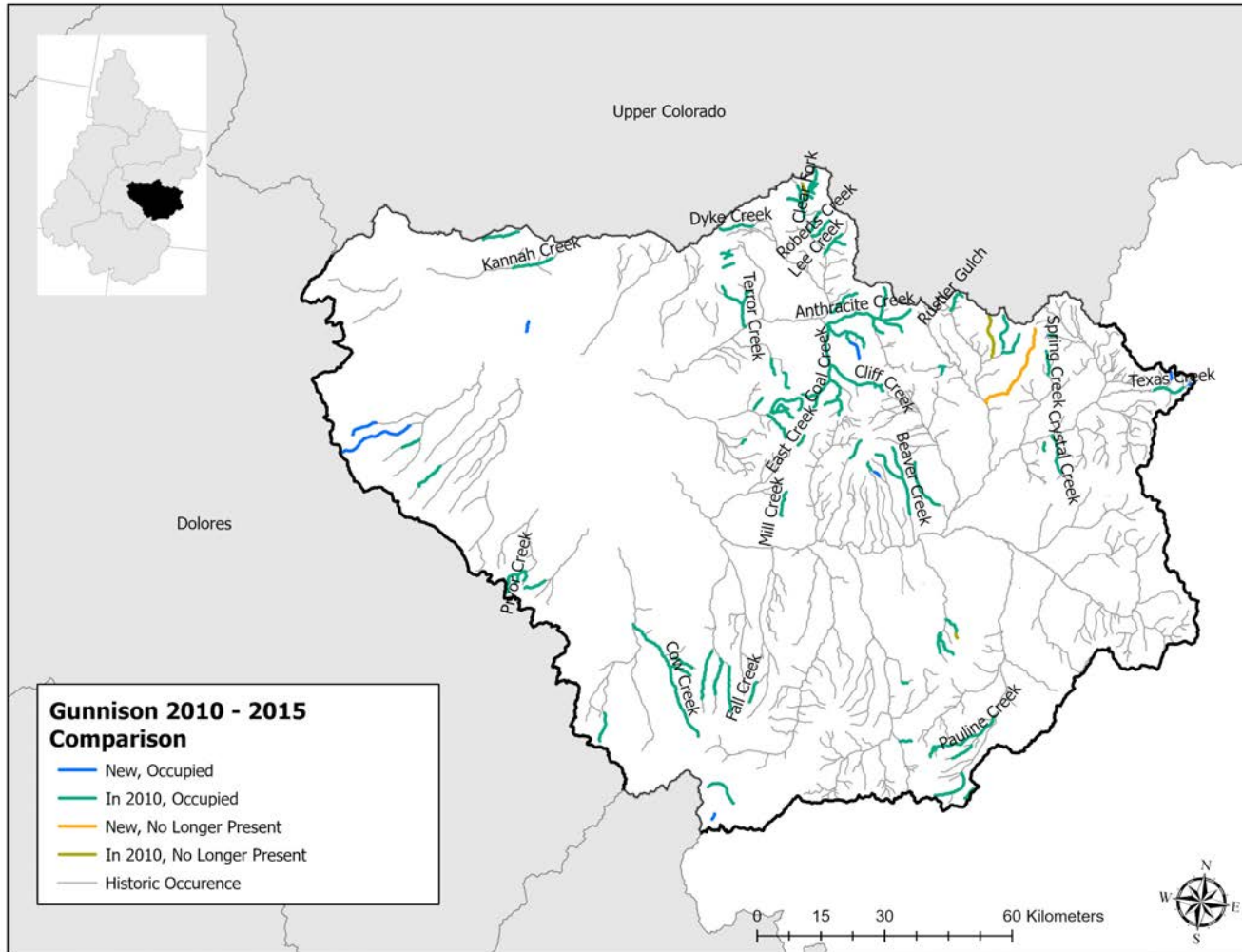
Appendix E: Comparison maps showing changes in the database to the currently occupied layer, historic habitat, and populations designated as no longer present.

Appendix E Figures -

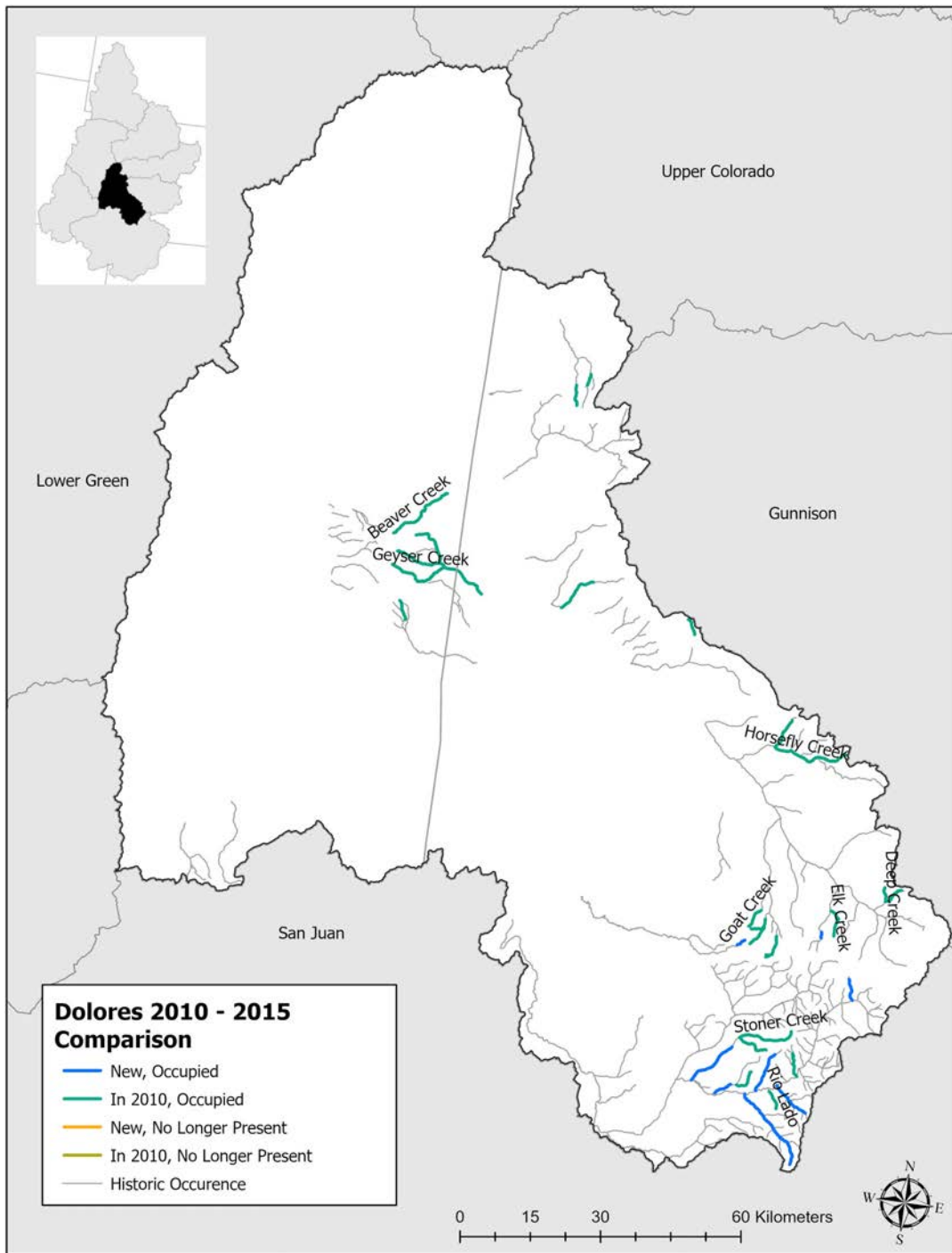
Appendix E - Upper Colorado: (2010 Assessment Pg. 130)



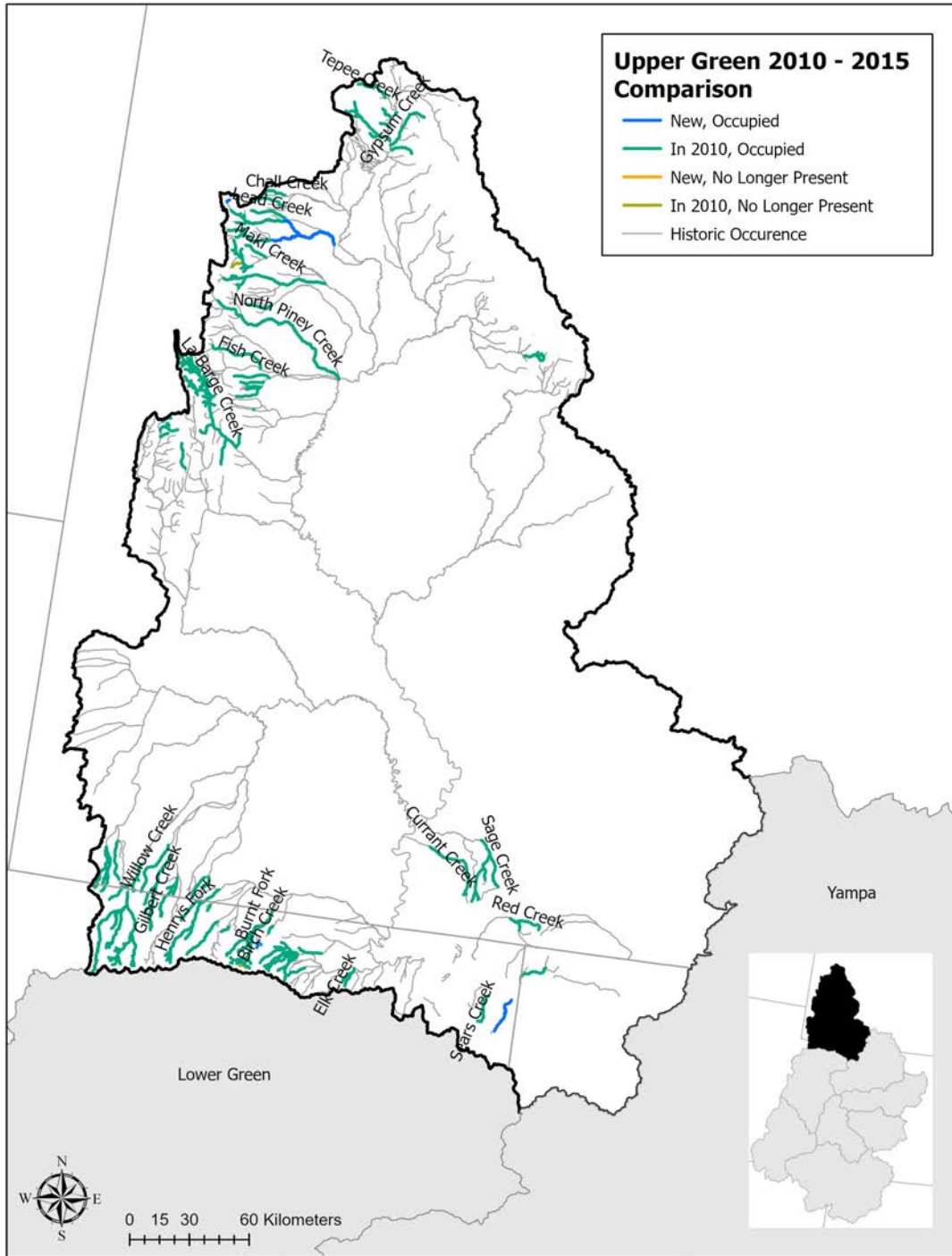
Appendix E - Gunnison: (2010 Assessment Pg. 131)



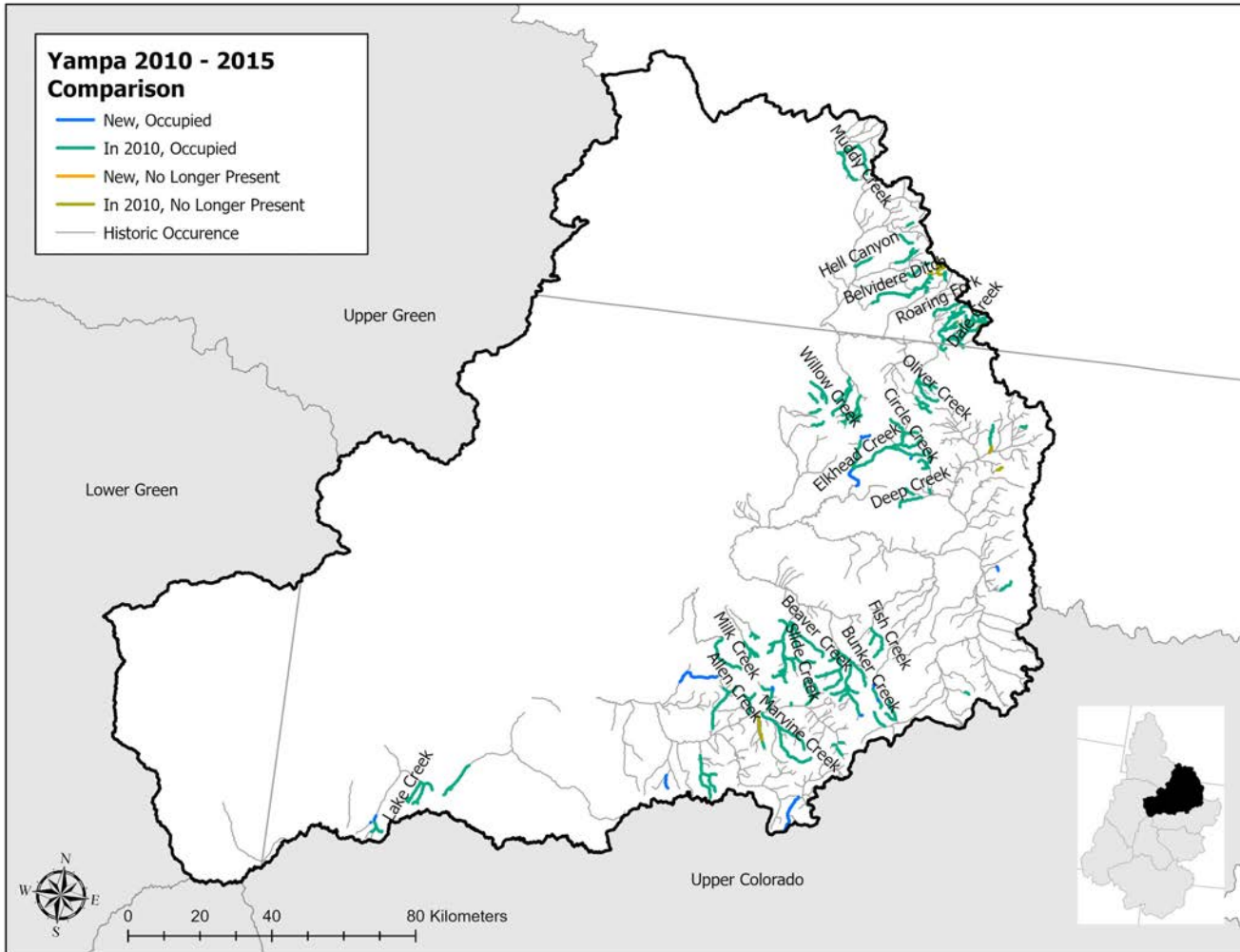
Appendix E - Dolores: (2010 Assessment Pg. 132)



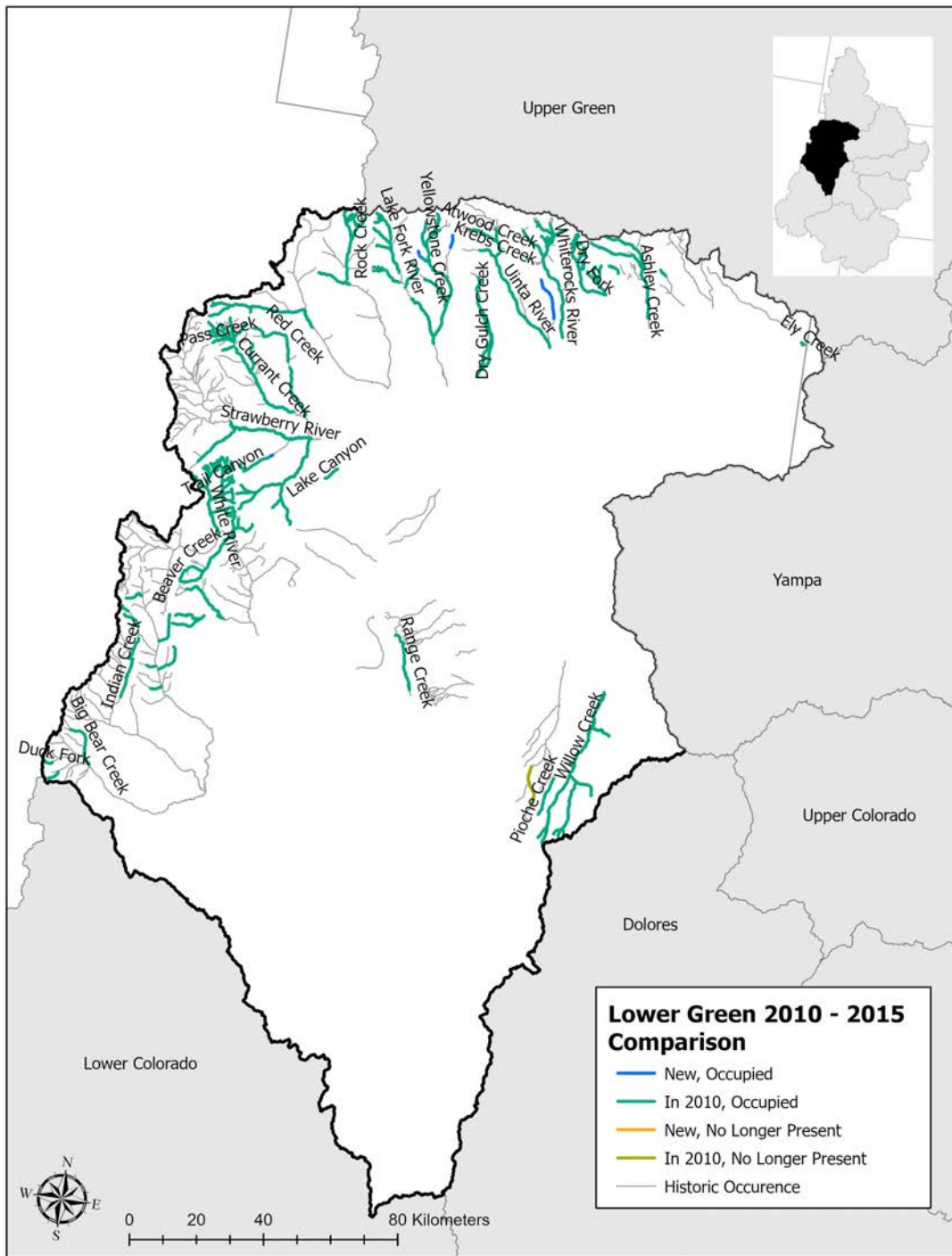
Appendix E - Upper Green: (2010 Assessment Pg. 133)



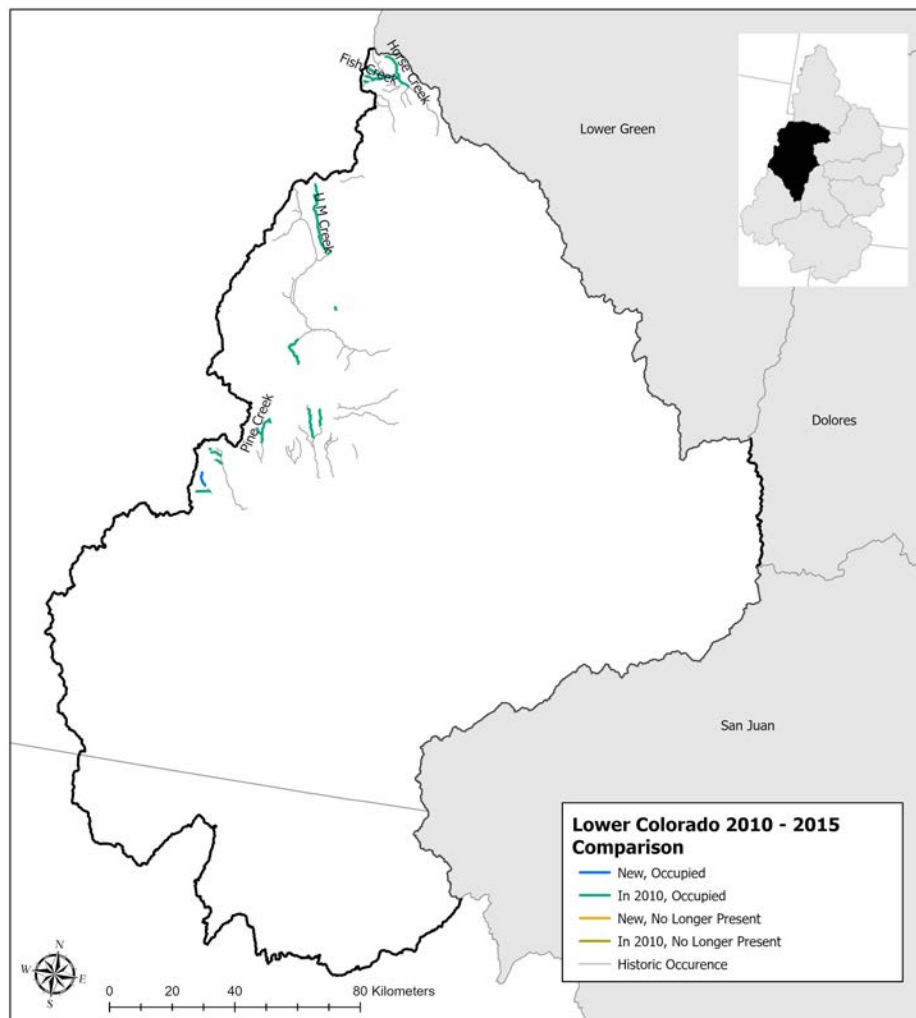
Appendix E - Yampa: (2010 Assessment Pg. 134)



Appendix E - Lower Green: (2010 Assessment Pg. 135)



Appendix E - Lower Colorado: (2010 Assessment Pg. 136)



Appendix E - San Juan: (2010 Assessment Pg. 137)

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