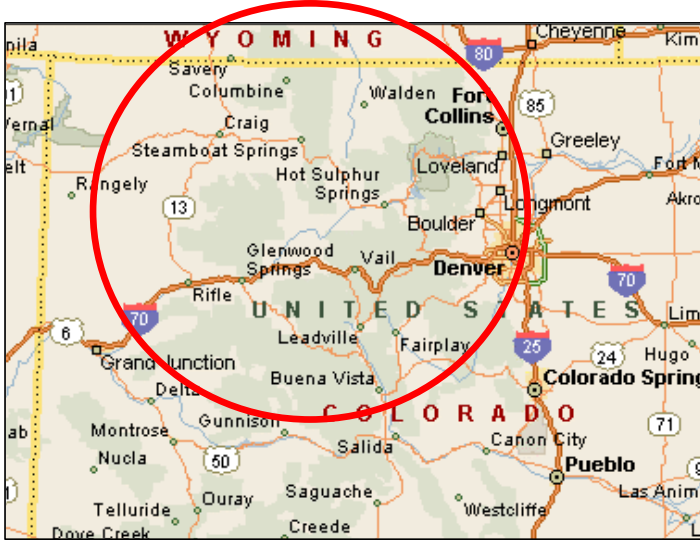


Colorado CROP
 A Summary of CROP Landscape Analyses Results
 (2006 – 2010)



Colorado CROP:
 Center Point: Kremmling
 100-mi. radius

- 6 National Forests
- 22 Ranger Districts
- 9 BLM Districts
- 29 Counties
- State Lands

gT = green tons (up to 7" dbh)
 S = small log mmbf (>7"-12" dbh)
 L = large log mmbf (>12" dbh)

<i>By Species</i>		5-yr Total (biomass = gT)	5-yr Total Small log (mmbf)	5-yr Total Large log (mmbf)
Lodgepole pine	(78% of 5-yr. total)	147,736	224.17	107.87
Ponderosa pine	(8% of 5-yr. total)	42,287	24.38	5.54
Douglas fir	(5% of 5-yr. total)	62,038	10.65	2.42
Engelmann spruce	(3% of 5-yr. total)	3,500	7.50	7.21
Aspen	(2% of 5-yr. total)	9150	5.80	1.62
Subalpine fir	(<1% of 5-yr. total)	1500	1.40	2.82
Pinyon pine/juniper	(<1% of 5-yr. total)	3550	2.84	.101
Limber pine	(<1% of 5-yr. total)	0	1.25	0
Pinyon pine	(<1% of 5-yr. total)	0	.75	0
Juniper	(<1% of 5-yr. total)	2500	.25	0
Gambel oak	(<1% of 5-yr. total)	1350	0	0
Blue spruce	(<1% of 5-yr. total)	114	.06	.01
Other conifers	(<1% of 5-yr. total)	0	.03	.03

Medicine Bow - Routt NF: (gT= 14,555; Small log = 78.37 mmbf; Large log = 65.87 mmbf)

Ranger Districts	5-yr Total (biomass = gT)	5-yr Total Small log (mmbf)	5-yr Total Large log (mmbf)
Brush Creek/Hayden	1,020	12	9.79
Laramie	8,827.5	13.49	10.82
Hahns Peak/Bear Ears	690	8.67	6.65
Parks	2,612.5	28.24	25.08
Yampa	1405	15.96	13.52

San Isabel NF: (gT= 9,850; Small log = 9.79 mmbf; Large log = 3.11 mmbf)

Ranger Districts	5-yr Total (biomass = gT)	5-yr Total Small log (mmbf)	5-yr Total Large log (mmbf)
Leadville	9,850	2.75	.625
Salida	0	7.04	2.49

Arapaho/Roosevelt NF: (gT= 138,250; Small log = 64.52 mmbf; Large log = 6.11 mmbf)

Ranger Districts	5-yr Total (biomass = gT)	5-yr Total Small log (mmbf)	5-yr Total Large log (mmbf)
Clear Creek	4,400	.32	.08
Sulphur	34,750	49.35	4
Canyon Lakes	74,700	13.14	1.73
Boulder	24,400	1.71	.3

Pike NF: (gT= 21,484; Small log = 19.96 mmbf; Large log = 3.329 mmbf)

Ranger Districts	5-yr Total (biomass = gT)	5-yr Total Small log (mmbf)	5-yr Total Large log (mmbf)
Pikes Peak	6,667	4.468	.743
South Platte	8,027	5.219	1.2
South Park	6,789	10.279	1.386

Whiteriver NE: (gT= 43,600; Small log = 57.8 mmbf; Large log = 21.85 mmbf)

Ranger Districts	5-yr Total (biomass = gT)	5-yr Total Small log (mmbf)	5-yr Total Large log (mmbf)
Aspen/Sopris	2,500	5.1	1.55
Dillon	23,900	19.9	11
Holy Cross/Eagle	8,000	18.4	8.3
Blanco	9,200	6.2	0
Rifle	0	8.2	1

Grand Mesa, U, & G NE: (gT= 6,800; Small log = 2.21 mmbf; Large log = 1.46 mmbf)

Ranger Districts	5-yr Total (biomass = gT)	5-yr Total Small log (mmbf)	5-yr Total Large log (mmbf)
Grand Valley	1,500	1.8	1.1
Gunnison	150	0	0
Paonia	5,150	.29	.28

BLM: (gT= 32,525; Small log = 20.26 mmbf; Large log = 2.05 mmbf)

Agency	Field Offices	5-yr Total (biomass = gT)	5-yr Total Small log (mmbf)	5-yr Total Large log (mmbf)
CO BLM <i>gT= 32,525</i> <i>Small log = 15.26 mmbf</i> <i>Large log = 2.05 mmbf</i>	Royal Gorge	1,125	.185	0
	Whiteriver	3,250	3.5	0
	Little Snake	4,000	.25	0
	Glenwood Springs	6,300	0	0
	Kremmling	300	6.383	2.05
WY BLM <i>gT= 0</i> <i>Small log = 5 mmbf</i> <i>Large log = 0 mmbf</i>	Rawlings	0	5	0

Agency	5-yr Total (biomass = gT)	5-yr Total Small log (mmbf)	5-yr Total Large log (mmbf)
CO DNR	0	22.62	22.62

Agency	5-yr Total (biomass = gT)	5-yr Total Small log (mmbf)	5-yr Total Large log (mmbf)
WY SFD	1,562	1.93	1.28

Agencies	5-yr Total (biomass = gT)	5-yr Total Small log (mmbf)	5-yr Total Large log (mmbf)
Colorado Counties	5,100	1.59	.382

Colorado: All Agencies CROP offering/removal '06 – '10
(gT = 273,726 / S = 279.1 / L = 128.12)

gT = green tons (up to 7" dbh)
 S = small log mmbf (>7"-12" dbh)
 L = large log mmbf (>12" dbh)

Medicine Bow/Routt NF: 5 RDs – 32%
(gT = 14,555 / S = 78.37 / L = 65.87)

White River NF: 5 RDs 19%
(gT = 43,600 / S = 57.8 / L = 21.85)

CO-Counties: 2 Counties 1%
(gT = 5,100 / S = 1.59 / L = .382)

Grand Mesa NF: 3 RDs – 1%
(gT = 6,800 / S = 2.21 / L = 1.46)

CO-DNR: 10%
(gT = 0 / S = 22.62 / L = 22.62)

CO-BLM: 5 districts – 5%
(gT = 32,525 / S = 15.26 / L = 2.05)

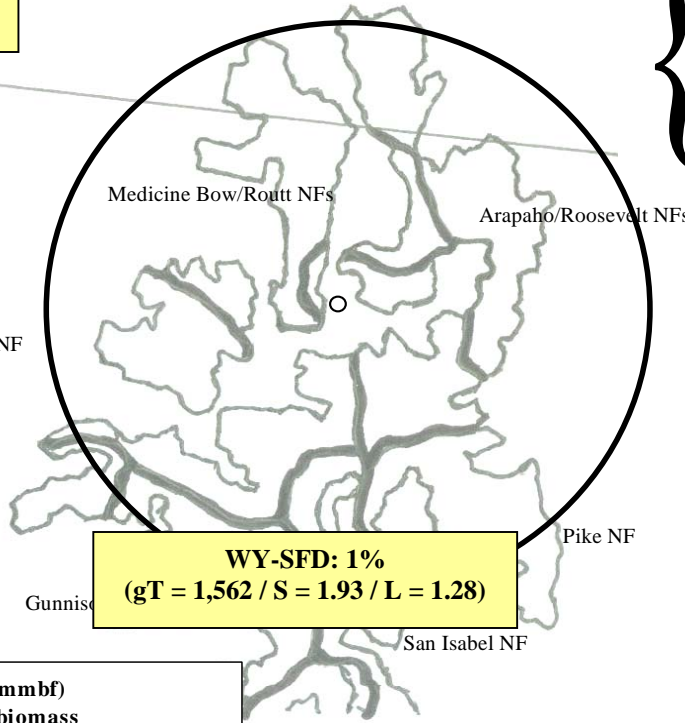
WY-BLM: 1 district – 1%
(gT = 0 / S = 5 / L = 0)

Arapaho/Roosevelt NF: 4 RDs – 21%
(gT = 138,250 / S = 64.52 / L = 6.11)

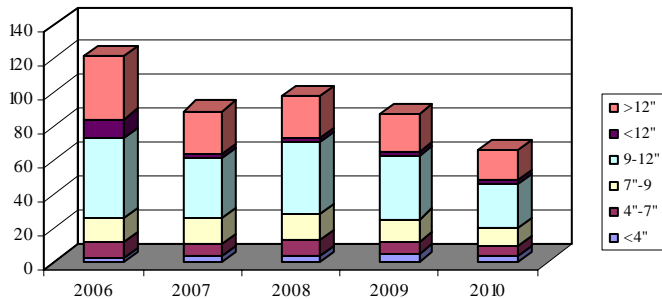
Pike NF: 3 RDs – 6%
(gT = 21,484 / S = 19.966 / L = 3.329)

San Isabel NF: 2 RDs – 3%
(gT = 9,850 / S = 9.79 / L = 3.11)

WY-SFD: 1%
(gT = 1,562 / S = 1.93 / L = 1.28)



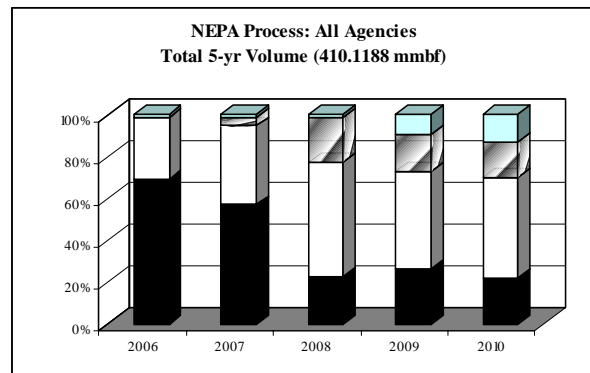
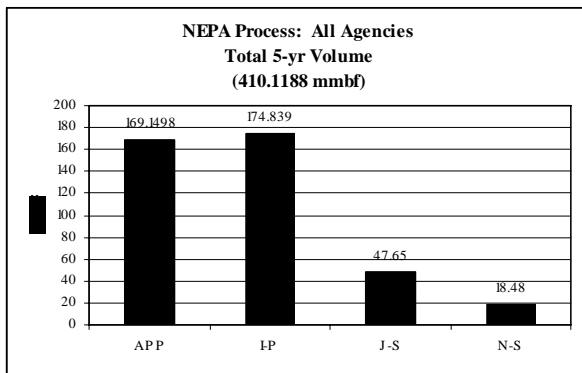
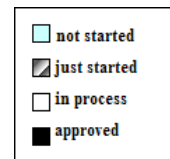
All Agencies: (5-yr total = 461.96 mmbf)
54.74 mmbf = <7" = 273,726 gT of biomass
279.1 mmbf is >7"-12" = small log
128.12mmbf is >12" large logs



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	58181.25	72.63075	36.7465
2007	51245	53.13	25.56
2008	61005.5	60.74625	25.34075
2009	57531.75	53.536	22.3665
2010	45763	39.06275	18.10475
Totals	273726.5	279.10575	128.1185
%	12%	60%	28%
mmbf	54.7453		

Colorado NEPA Process – All Agencies:
 Total 5-yr volume (410.1188 mmbf; includes gT as mmbf)

	<i>mmbf</i>	<i>% of total</i>
<i>Approved (APP)</i>	169.1498	41%
<i>In process (I-P)</i>	174.839	43%
<i>Just started (J-S)</i>	47.65	12%
<i>Not started (N-S)</i>	18.48	5%



Colorado: All Agencies CROP offering/removal '06 – '10
(gT = 273.726 / S = 279.1 / L = 128.12)

BLM:

- A Royal Gorge District (CO) (.41 mmbf)*
- B White River District (CO) (4.15 mmbf)
- C Little Snake District (CO) (1.05 mmbf)
- D Glenwood Springs District (CO) (9.71 mmbf)
- E Kremmling District (CO) (8.496 mmbf)
- F Rawlins District (WY) (5 mmbf)

WY - SFD:

- G SFD (3.53 mmbf)

Arapaho/Roosevelt NF:

- H Clear Creek RD (1.28 mmbf)
- I Sulphur RD (60.3 mmbf)
- J Canyon Lakes RD (29.81 mmbf)
- K Boulder RD (6.89 mmbf)

Grand Mesa, U & G NFs:

- L Grand Valley RD (3.2 mmbf)
- M Gunnison RD (.23 mmbf)
- N Paonia RD (1.6 mmbf)

Medicine Bow/Routt NFs:

- O Brush Creek/Hayden RD (22 mmbf)
- P Laramie RD (26.08 mmbf)
- Q Hahns Peak/Bears Ear RD (15.46 mmbf)
- R Parks RD (53.85 mmbf)
- S Yampa RD (29.76 mmbf)

Pike NF:

- T Pikes Peak RD (6.54 mmbf)
- U South Platte RD (8.02 mmbf)
- V South Park RD (13.02 mmbf)

San Isabel NF:

- W Leadville RD (5.34 mmbf)
- X Salida RD (9.53 mmbf)

White River NF:

- Y Aspen/Sopris RD (7.15 mmbf)
- Z Dillon RD (35.68 mmbf)
- AA Holy Cross/Eagle RD (28.3 mmbf)
- AB Blanco RD (8.04 mmbf)
- AC Rifle RD (9.2 mmbf)

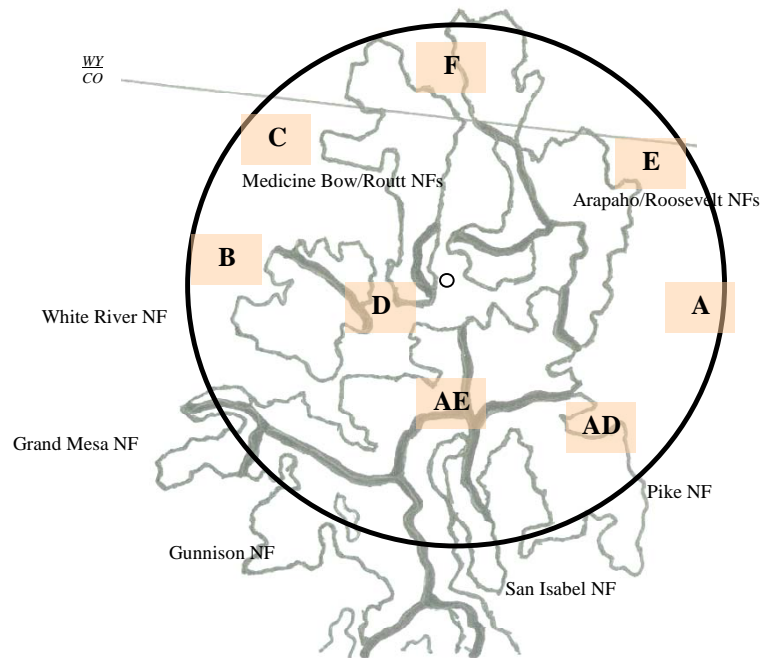
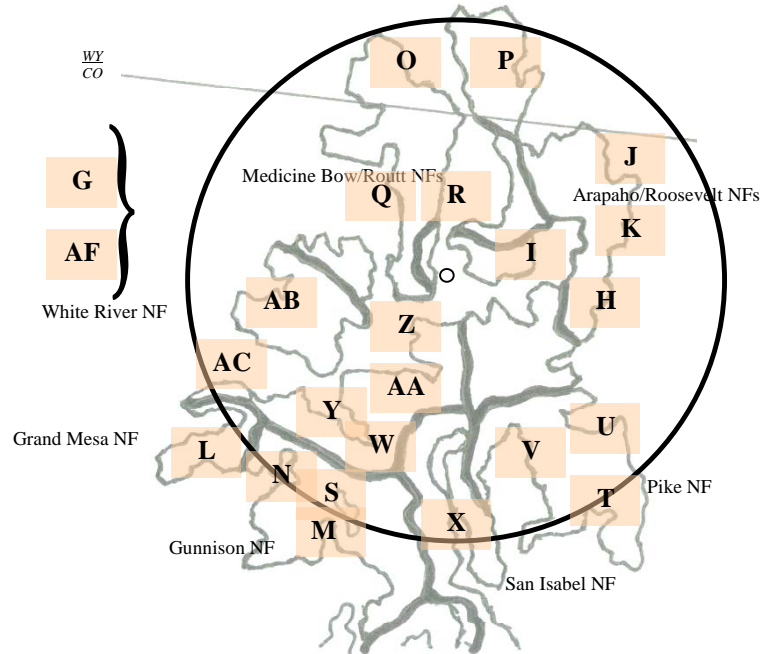
Colorado Counties:

- AD Jefferson Co. (2.826 mmbf)
- AE Summit Co. (.168 mmbf)

Colorado DNR:

- AF CO-DNR (45.324 mmbf)

* 5-yr volume offering



Colorado: Lodgepole Pine CROP offering/removal '06 - '10
 (gT = 147,736 / S = 224.17 mmbf / L = 107.87 mmbf)

gT = green tons (up to 7" dbh)
 S = small log mmbf (>7"-12" dbh)
 L = large log mmbf (>12" dbh)

Medicine Bow/Routt NF: 5 RDs - 37%
 (gT = 14,555 / S = 74.945 / L = 57.63)

White River NF: 5 RDs - 21%
 (gT = 36,100 / S = 49.6 / L = 20.3)

Grand Mesa, U & G NF: 1 RD - <1%
 (gT = 150 / S = 0 / L = 0)

WY-SFD: 1%
 (gT = 1,562 / S = 1.93 / L = 1.28)

CO-DNR: 11%
 (gT = 0 / S = 20.243 / L = 20.243)

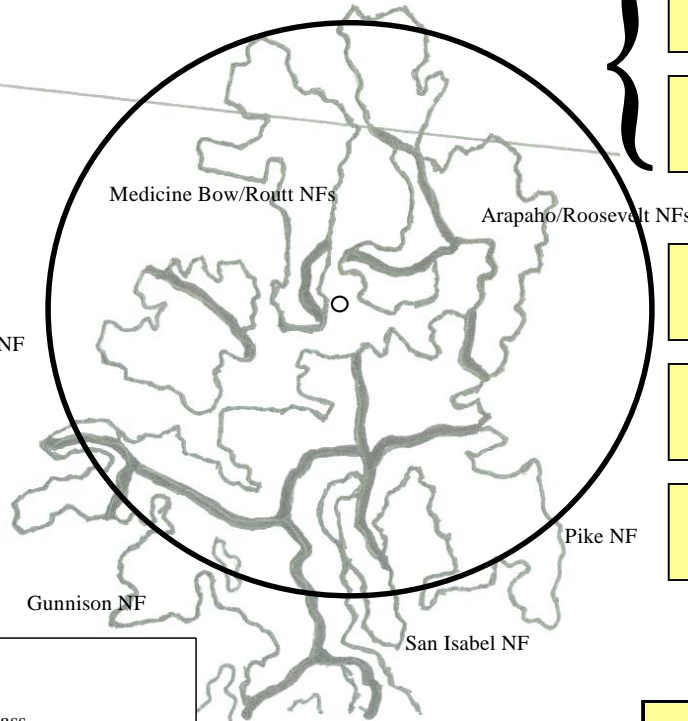
CO-BLM: 4 districts - 5%
 (gT = 20,175 / S = 11.27 / L = 2.05)

WY-BLM: 1 district - <1%
 (gT = 0 / S = .5 / L = 0)

Arapaho/Roosevelt NF: 4 RDs - 23%
 (gT = 69,000 / S = 63.5 / L = 5.92)

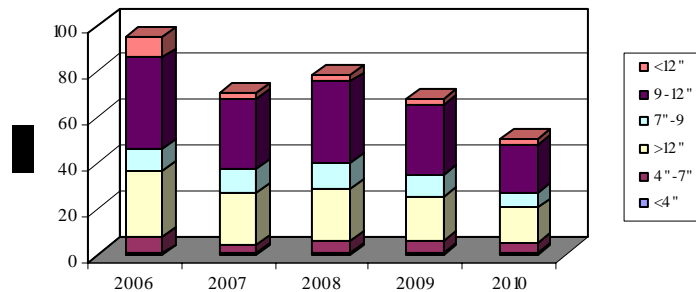
CO-Counties: 2 Counties <1%
 (gT = 531.2 / S = .232 / L = 0)

San Isabel NF: 1 RD - 1%
 (gT = 5,662 / S = 1.947 / L = .438)



All Agencies: Lodgepole Pine
 (5-yr total = 361.596 mmbf)

29.547 mmbf is <7" = 147,736 gT of biomass
 224.17 mmbf is >7"-12" = small logs
 107.87 mmbf is >12" = large logs



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	37957.5	58.3285	28.9765
2007	23080	44.006	22.0845
2008	32003.75	49.51875	22.054
2009	29680	42.423	19.4175
2010	25015	29.8985	15.342
Totals	147736.25	224.17475	107.8745
%	8.171331857	61.99582961	29.83283854
mmbf	29.54725		

Colorado: Ponderosa Pine CROP offering/removal '06 – '10
(gT = 42,287.87 / S = 24.38 mmbf / L = 5.54 mmbf)

gT = green tons (up to 7" dbh)
 S = small log mmbf (>7"-12" dbh)
 L = large log mmbf (>12" dbh)

CO-Counties: 2 Counties 4%
(gT = 2,337 / S = .701 / L = .191)

San Isabel NF: 2 RDs – 26%
(gT = 2,093.75 / S = 7.181 / L = 2.444)

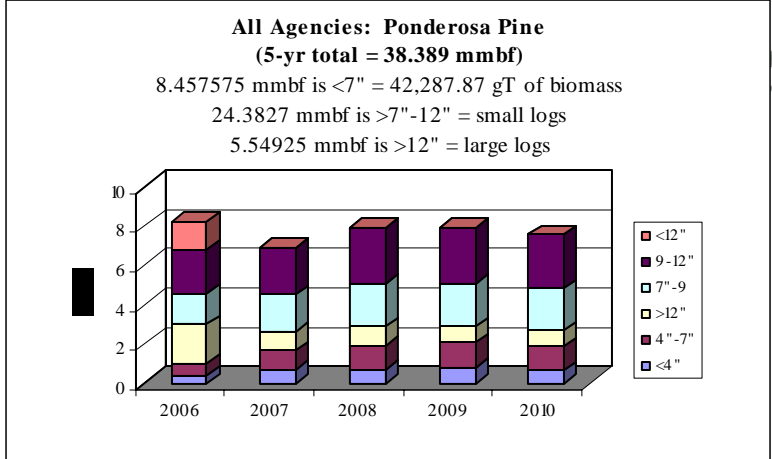
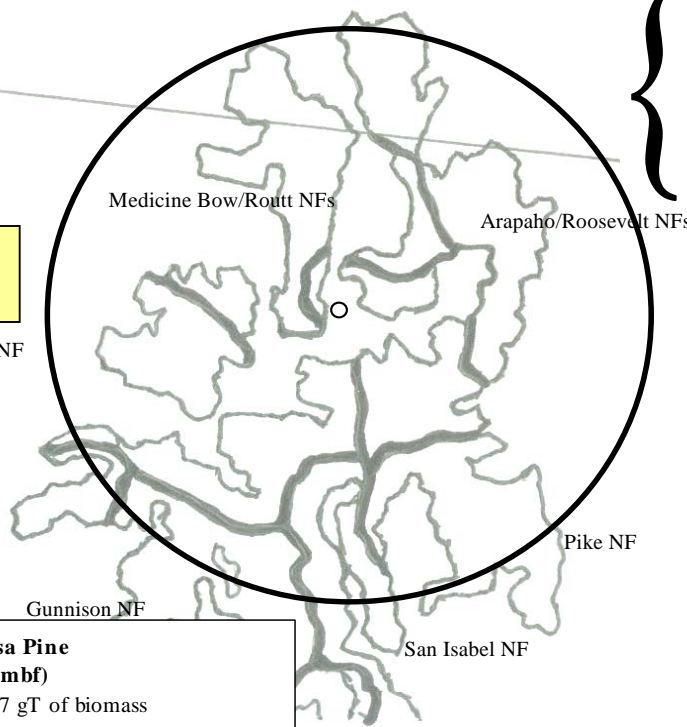
CO-DNR: – 7%
(gT = 0 / S = 1.41 / L + 1.41)

CO-BLM: 1 district – 3%
(gT = 4,950 / S = 0 / L = 0)

WY-BLM: 1 district – 5%
(gT = 0 / S = 1.75 / L = 0)

Arapaho/Roosevelt NF: 3 RDs – 16%
(gT = 25,370 / S = 1.015 / L = .19)

Pike NF: 3 RDs – 39%
(gT = 7,536.6 / S = 12.324 / L = 1.313)



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	4878.125	5.22145	2.00825
2007	8253.75	4.23675	0.9755
2008	9531	5.0465	0.9575
2009	10349.75	5.0055	0.7975
2010	9275.25	4.8725	0.8105
Totals	42287.875	24.3827	5.54925
%	22%	64%	14%
	8.457575		

Colorado: Douglas Fir CROP offering/removal '06 – '10
(gT = 62,038 / S = 10.65 mmbf / L = 2.425 mmbf)

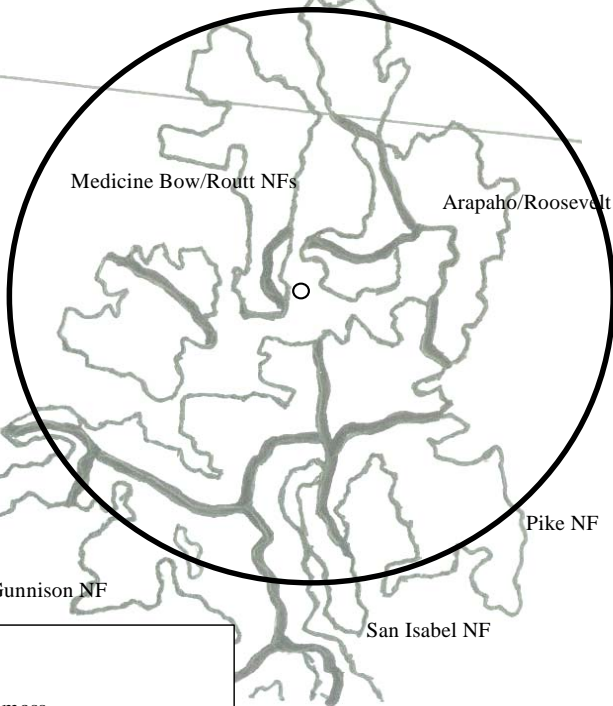
gT = green tons (up to 7" dbh)
 S = small log mmbf (>7"-12" dbh)
 L = large log mmbf (>12" dbh)

WY
CO

Pike NF: 3 RDs – 48%
(gT = 13,833 / S = 7.5816 / L = 2)

CO-Counties: 1 County 5%
(gT = 2,231.2 / S = .6587 / L = .191)

White River NF
 Grand Mesa NF

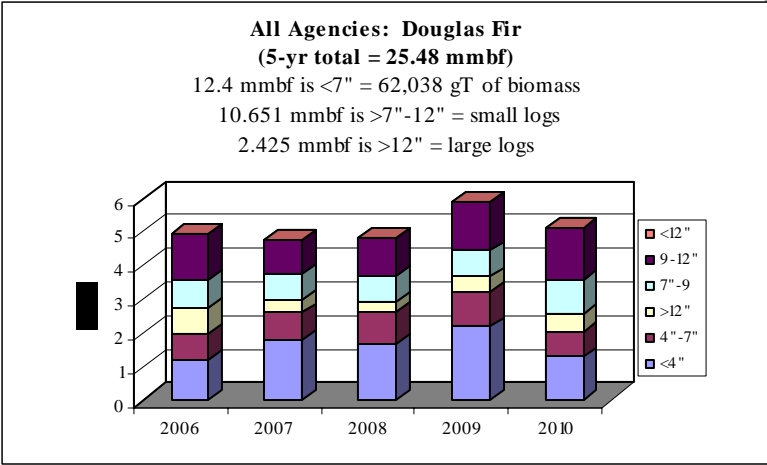


CO-BLM: 1 district – 4%
(gT = 0 / S = 1 / L = 0)

WY-BLM: 1 district – 3%
(gT = 0 / S = .75 / L = 0)

Arapaho/Roosevelt NF: 1 RD – 34%
(gT = 43,880 / S = 0 / L = 0)

San Isabel NF: 2 RDs – 5%
(gT = 2,093.5 / S = .6612 / L = .2337)



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	9781.5	2.17715	0.7834
2007	12911.25	1.81225	0.3635
2008	13120.75	1.889	0.31025
2009	16152	2.232	0.4265
2010	10072.75	2.54125	0.54225
Totals	62038.25	10.65165	2.4259
%	49%	42%	10%
	12.40765		

Colorado: *Engelmann Spruce* CROP offering/removal '06 - '10
(gT = 3,500 / S = 7.5018 mmbf / L = 7.2143 mmbf)

gT = green tons (up to 7" dbh)
 S = small log mmbf (>7"-12" dbh)
 L = large log mmbf (>12" dbh)

WY
CO

Medicine Bow/Routt NF: 5 RDs - 49%
(gT = 0 / S = 2.0575 / L = 5.49)

CO-DNR: <1%
(gT = 0 / S = .0143 / L = .0143)

Medicine Bow/Routt NFs

Arapaho/Roosevelt NFs

White River NF

Grand Mesa NF: 2 RDs - 7%
(gT = 3,500 / S = .23 / L = .16)

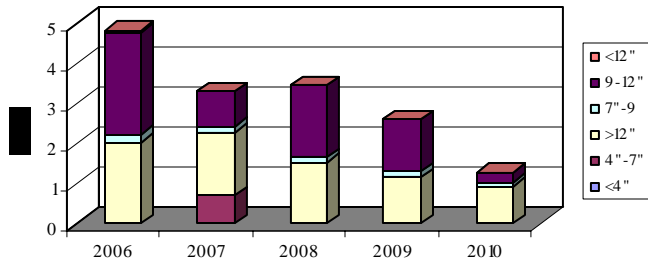
White River NF: 2 RDs - 44%
(gT = 0 / S = 5.2 / L = 1.55)

Grand Mesa NF

Pike NF

San Isabel NF

All Agencies: Engelmann Spruce
(5-yr total = 15.416 mmbf)
 .7 mmbf is <7" = 3,500 gT of biomass
 7.5018 mmbf is >7"-12" = small logs
 7.2143 mmbf is >12" = large logs



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	0	2.77579	2.03129
2007	3500	1.009	1.594
2008	0	1.917	1.529
2009	0	1.4575	1.1465
2010	0	0.3425	0.9135
Totals	3500	7.50179	7.21429
%	5%	49%	47%
	0.7		

Colorado: *Aspen* CROP offering/removal '06 – '10
(gT = 9,150 / S = 5.806 mmbf / L = 2.076 mmbf)

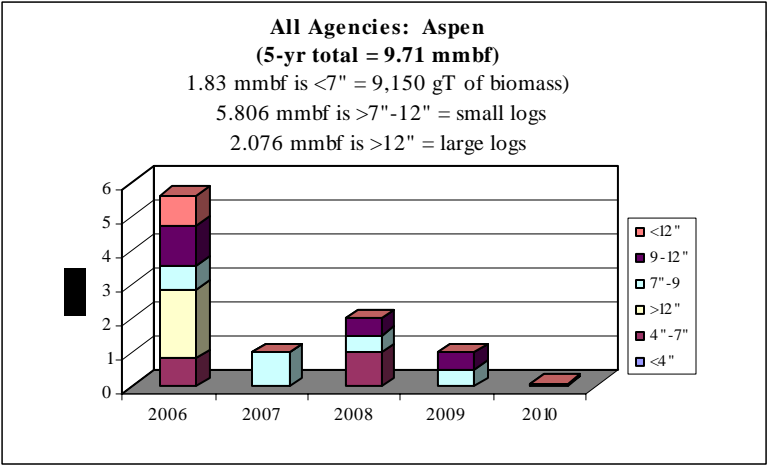
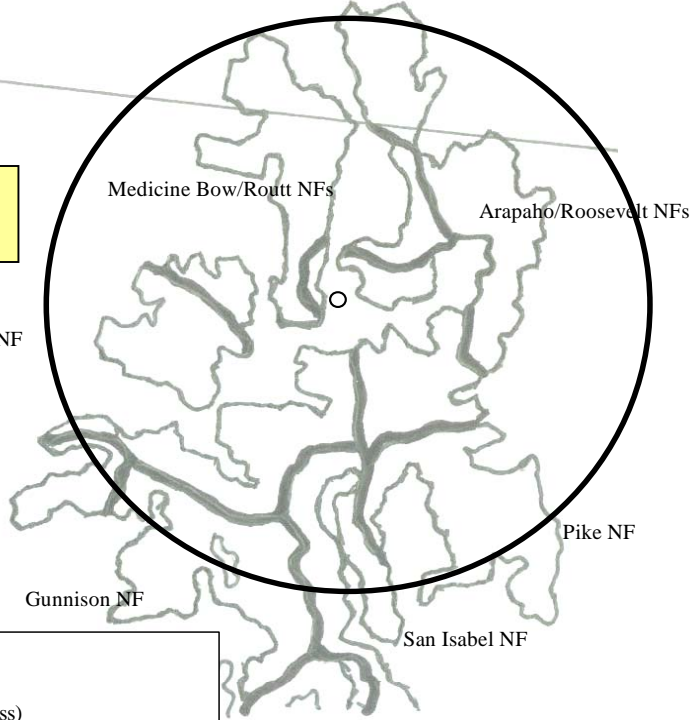
gT = green tons (up to 7" dbh)
 S = small log mmbf (>7"-12" dbh)
 L = large log mmbf (>12" dbh)

WY
CO

Grand Mesa NF: 2 RDs – 36%
(gT = 1,650 / S = 1.95 / L = 1.22)

White River NF: 3 RDs – 46%
(gT = 7,500 / S = 3 / L = 0)

CO-DNR: 18%
(gT = 0 / S = .8567 / L = .8567)



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	4100	2.75667	2.03667
2007	0	1	0
2008	5000	1	0
2009	0	1	0
2010	50	0.05	0.04
Totals	9150	5.80667	2.07667
%	19%	60%	21%
	1.83		

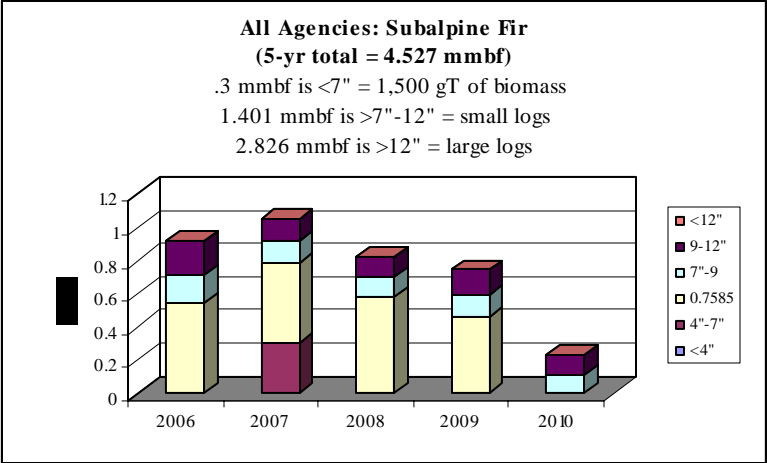
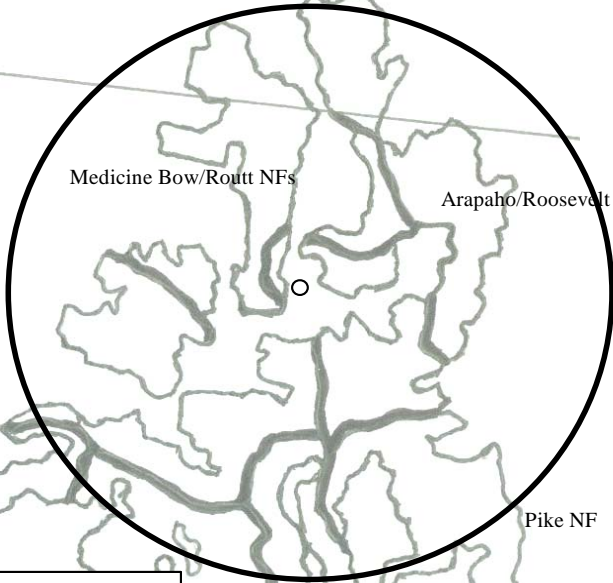
Colorado: *Subalpine Fir* CROP offering/removal '06 – '10
(gT = 1,500 / S = 1.4 mmbf / L = 2.826 mmbf)

gT = green tons (up to 7" dbh)
 S = small log mmbf (>7"-12" dbh)
 L = large log mmbf (>12" dbh)

WY
CO

Medicine Bow/Routt NF: 5 RDs – 91%
(gT = 0 / S = 1.37 / L = 2.746)

Grand Mesa NF: 2 RDs – 9%
(gT = 1,500 / S = .03 / L = .08)



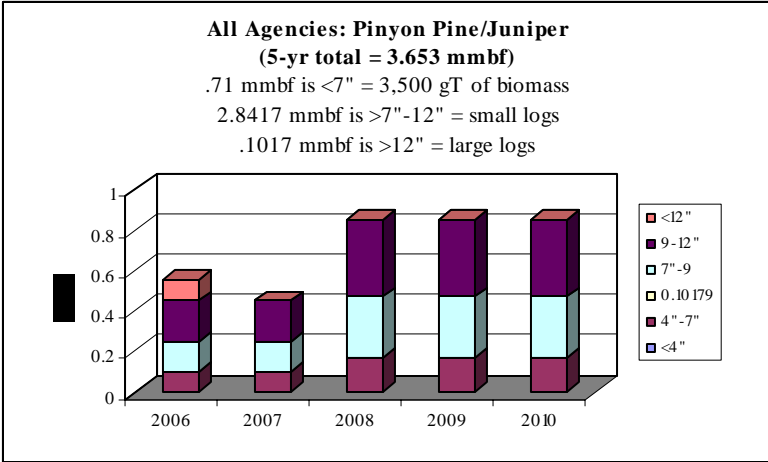
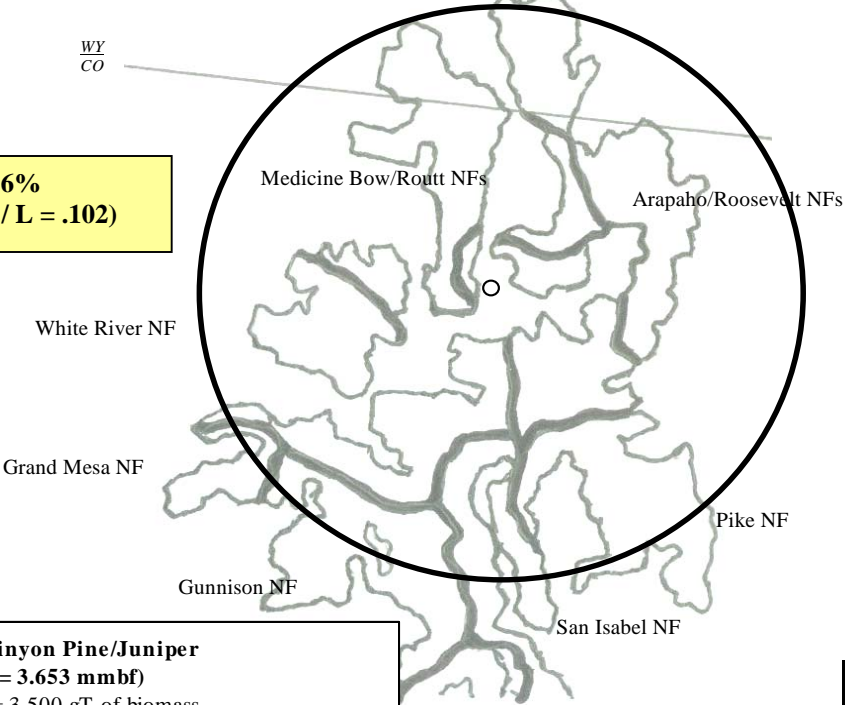
	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	0	0.374	0.7585
2007	1500	0.266	0.5425
2008	0	0.245	0.49
2009	0	0.288	0.5785
2010	0	0.228	0.4565
Totals	1500	1.401	2.826
%	7%	31%	62%
	0.3		

Colorado: Pinyon Pine/Juniper CROP offering/removal '06 - '10
(gT = 3,550 / S = 2.842 mmbf / L = .102 mmbf)

gT = green tons (up to 7" dbh)
 S = small log mmbf (>7"-12" dbh)
 L = large log mmbf (>12" dbh)

CO-DNR: 6%
(gT = 0 / S = .102 / L = .102)

CO-BLM: 2 districts 94%
(gT = 3,550 / S = 2.74 / L = 0)

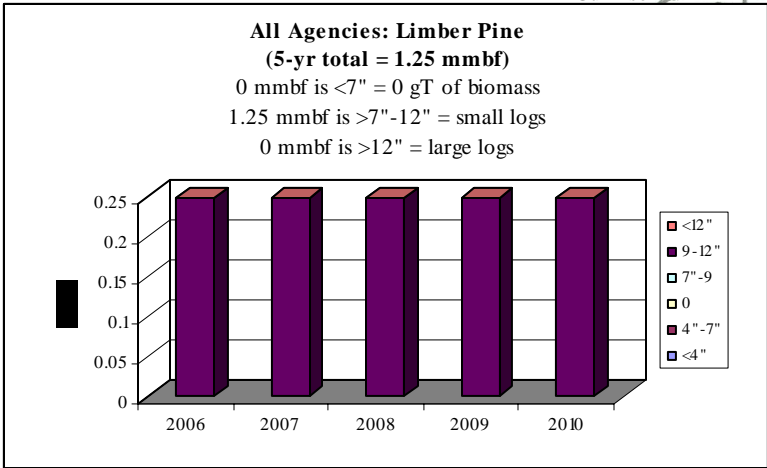
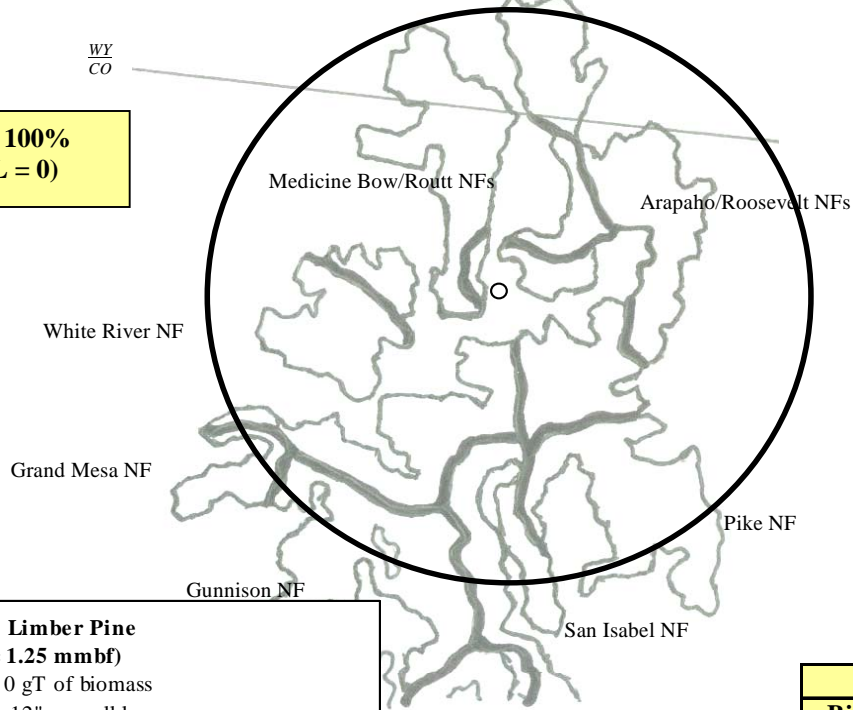


	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	500	0.45179	0.10179
2007	500	0.35	0
2008	850	0.68	0
2009	850	0.68	0
2010	850	0.68	0
Totals	3550	2.84179	0.10179
%	19%	78%	3%
	0.71		

Colorado: Limber Pine CROP offering/removal '06 - '10
(gT = 0 / S = 1.25 mmbf / L = 0 mmbf)

gT = green tons (up to 7" dbh)
 S = small log mmbf (>7"-12" dbh)
 L = large log mmbf (>12" dbh)

WY-BLM: 1 district 100%
(gT = 0 / S = 1.25 / L = 0)

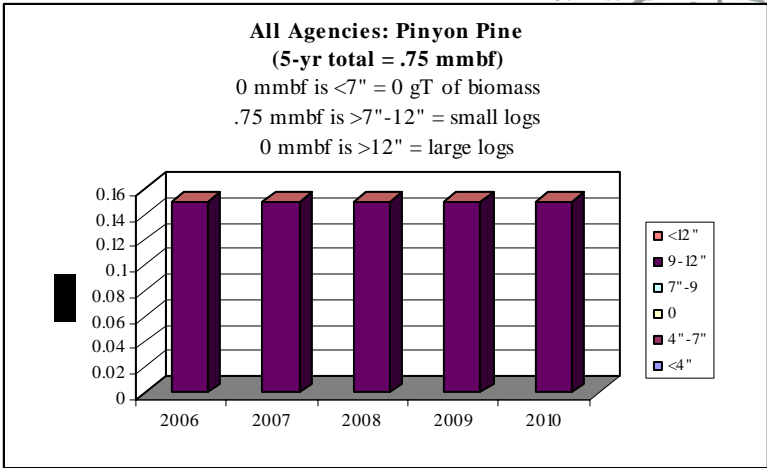
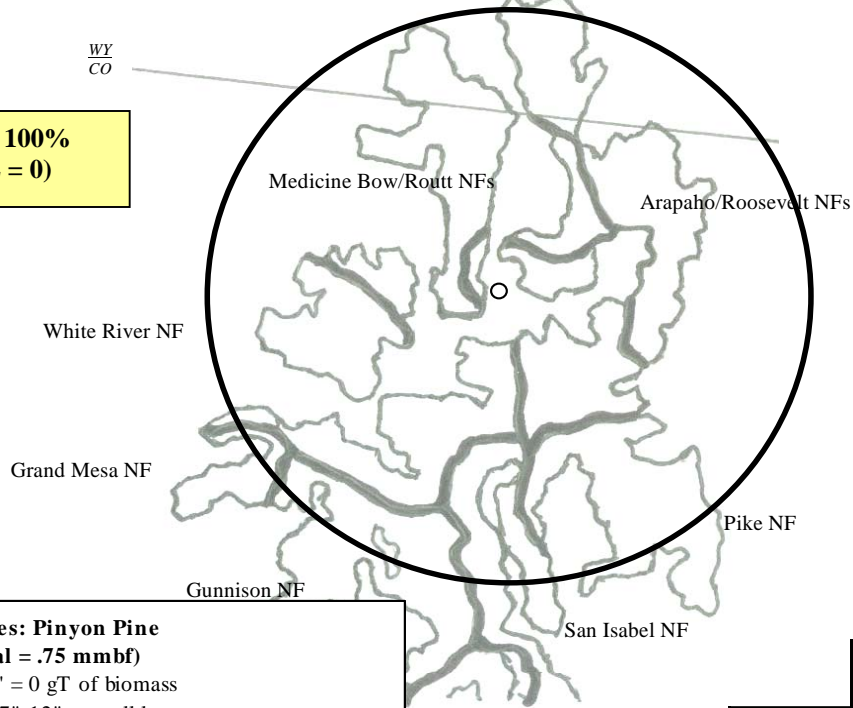


	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	0	0.25	0
2007	0	0.25	0
2008	0	0.25	0
2009	0	0.25	0
2010	0	0.25	0
Totals	0	1.25	0
%	0%	100%	0%
	0		

Colorado: Pinyon Pine CROP offering/removal '06 - '10
(gT = 0 / S = .75 mmbf / L = 0 mmbf)

gT = green tons (up to 7" dbh)
 S = small log mmbf (>7"-12" dbh)
 L = large log mmbf (>12" dbh)

WY-BLM: 1 district 100%
(gT = 0 / S = .75 / L = 0)

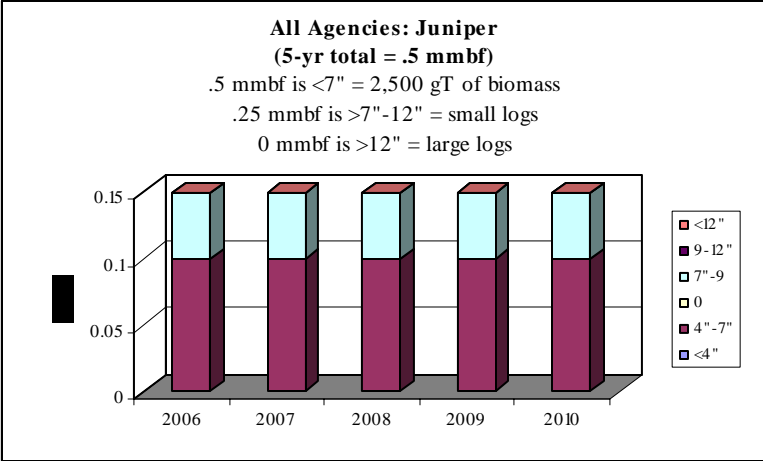
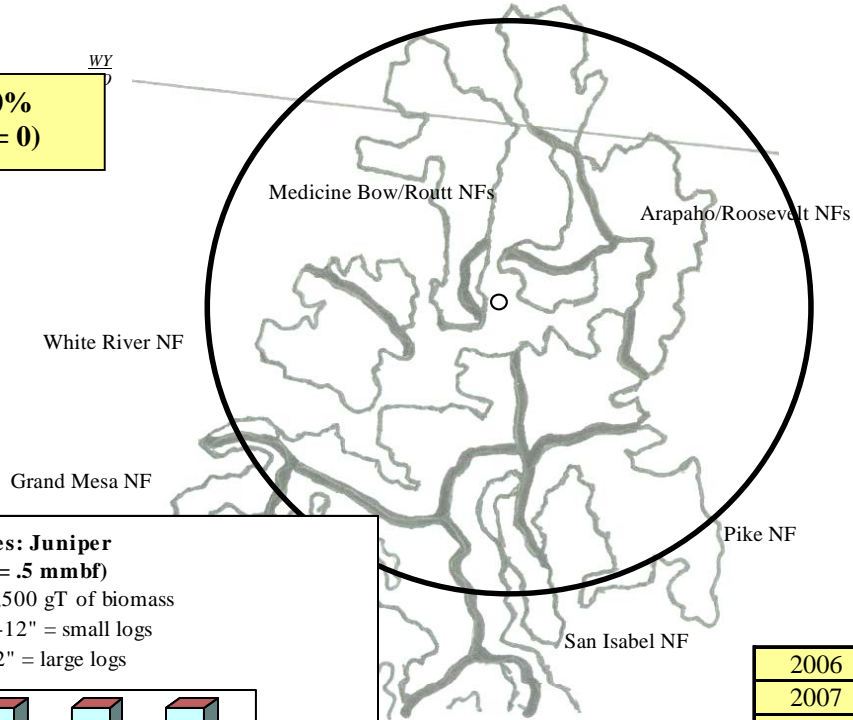


	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	0	0.15	0
2007	0	0.15	0
2008	0	0.15	0
2009	0	0.15	0
2010	0	0.15	0
Totals	0	0.75	0
%	0%	100%	0%
	0		

Colorado: Juniper CROP offering/removal '06 – '10
(gT = 2,500 / S = .25 mmbf / L = 0 mmbf)

gT = green tons (up to 7" dbh)
 S = small log mmbf (>7"-12" dbh)
 L = large log mmbf (>12" dbh)

CO-BLM: 1 district 100%
(gT = 2,500 / S = .25 / L = 0)

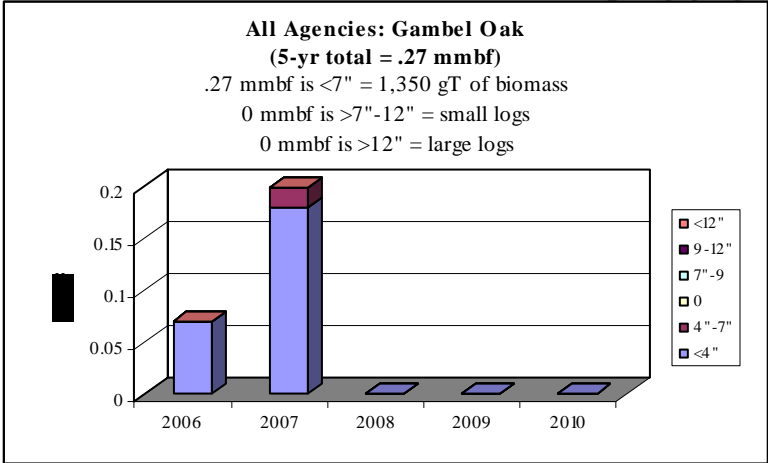
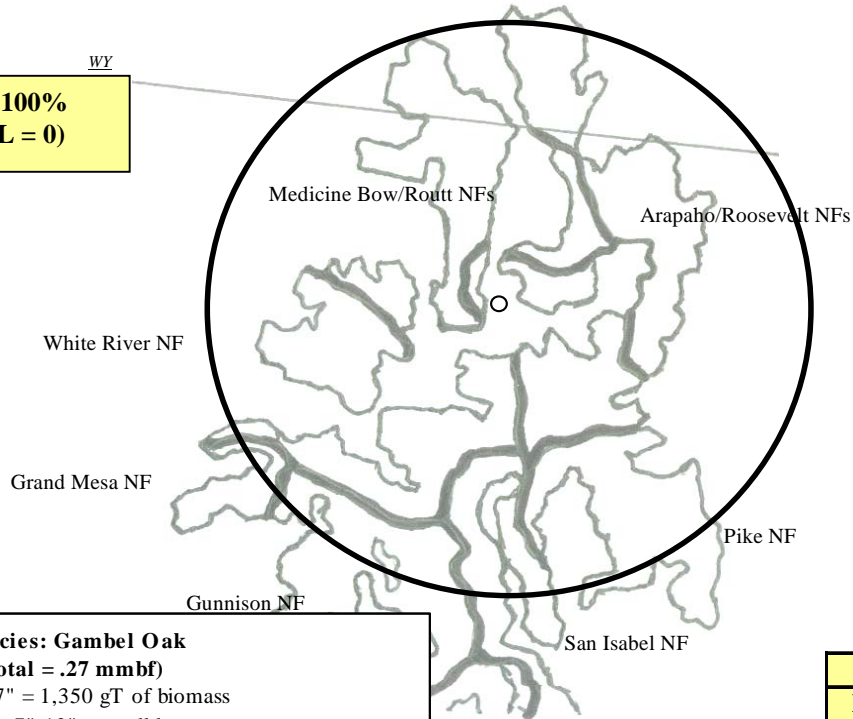


	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	500	0.05	0
2007	500	0.05	0
2008	500	0.05	0
2009	500	0.05	0
2010	500	0.05	0
Totals	2500	0.25	0
%	67%	33%	0%
	0.5		

Colorado: Gambel Oak CROP offering/removal '06 - '10
(gT = 1,350 / S = 0 / L = 0 mmbf)

gT = green tons (up to 7" dbh)
 S = small log mmbf (>7"-12" dbh)
 L = large log mmbf (>12" dbh)

CO-BLM: 1 district 100%
(gT = 1,350 / S = 0 / L = 0)

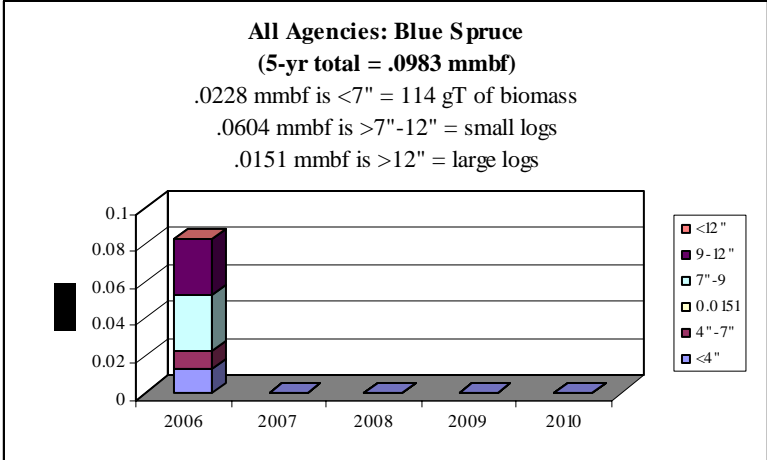
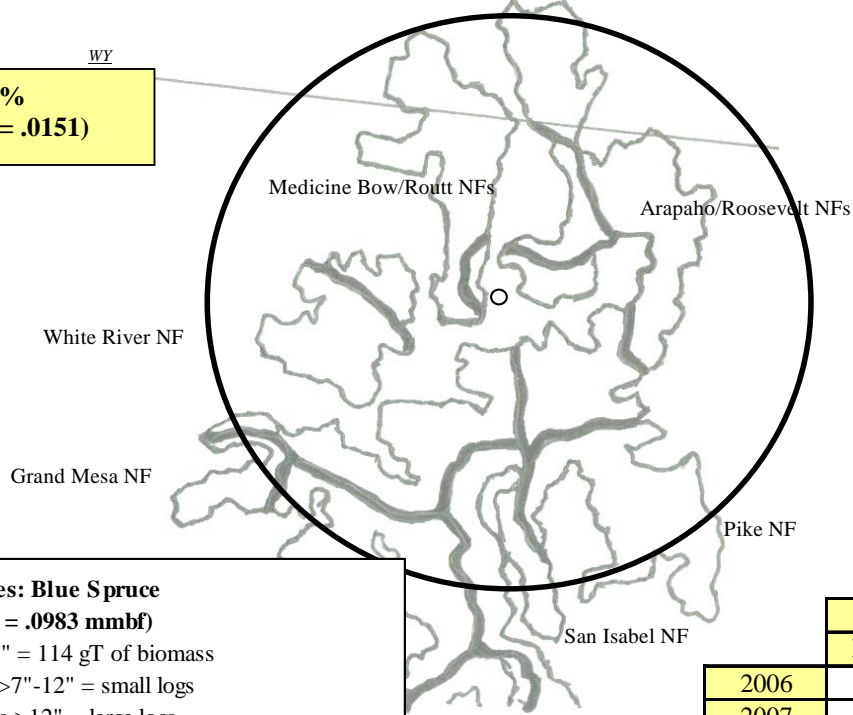


	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	350	0	0
2007	1000	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
Totals	1350	0	0
%	100%	0%	0%
5-yr Total	1350	0	0

Colorado: Blue Spruce CROP offering/removal '06 - '10
(gT = 114 / S = .0604 mmbf / L = .0151 mmbf)

gT = green tons (up to 7" dbh)
 S = small log mmbf (>7"-12" dbh)
 L = large log mmbf (>12" dbh)

Pike NF: 1 RD 100%
(gT = 114 / S = .0604 / L = .0151)

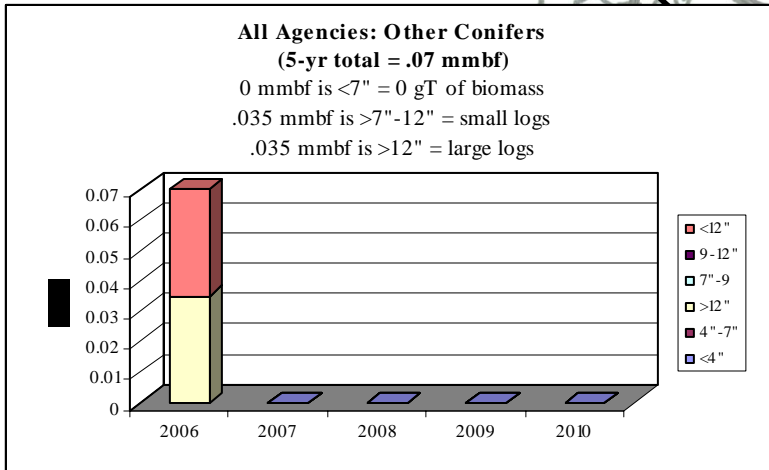
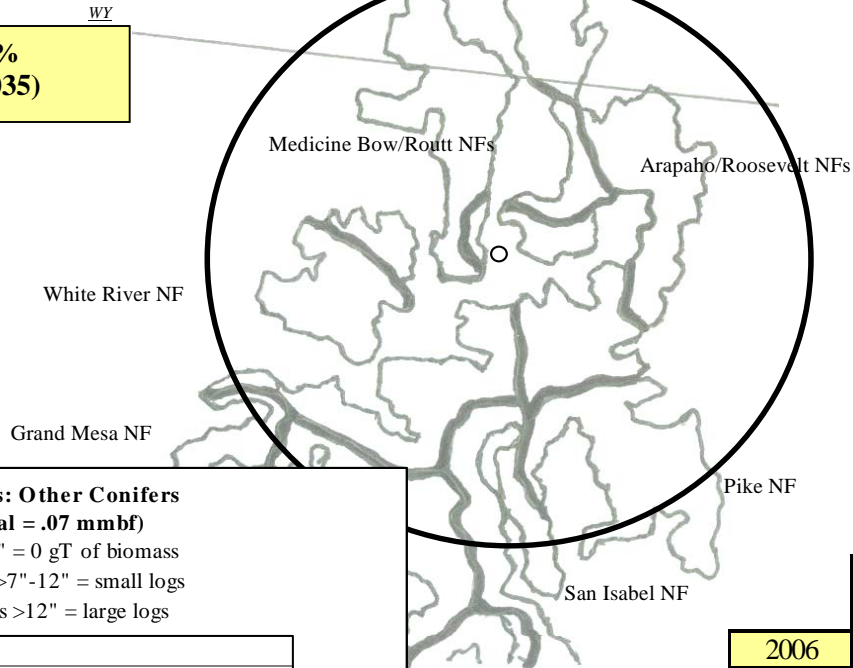


	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	114.125	0.0604	0.0151
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
Totals	114.125	0.0604	0.0151
%	23%	61%	15%
	0.022825		

Colorado: Other Conifers CROP offering/removal '06 – '10
(gT = 0 / S = .035 mmbf / L = .035 mmbf)

gT = green tons (up to 7" dbh)
 S = small log mmbf (>7"-12" dbh)
 L = large log mmbf (>12" dbh)

CO-DNR: 1 District 100%
(gT = 0 / S = .035 / L = .035)



	(gT)	mmbf	
	Biomass (gT)	Small Logs	Large Logs
2006	0	0.035	0.035
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
Totals	0	0.035	0.035
%	0%	50%	50%

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