

## Southern Utah CROP

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



Southern Utah CROP:  
Center Point: Panguitch  
125-mi. (N & S)  
100-mi. (E & W)

4 National Forests  
9 Ranger Districts  
State Lands  
2 State Depts. of Trans.\*  
9 BLM Districts  
16 Counties\*  
(\*no removal planned)

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)
<b>Pinyon pine/juniper</b> (35% of 5-yr. total)	161,693	65.67	1.2
<b>Engelmann spruce</b> (28% of 5-yr. total)	30,263	28.73	43.69
<b>Ponderosa pine</b> (16% of 5-yr. total)	33,021	26.69	17.28
<b>Aspen</b> (7% of 5-yr. total)	24,270	11.10	4.10
<b>Subalpine fir</b> (5% of 5-yr. total)	14,845	5.36	5.69
<b>Douglas fir</b> (3% of 5-yr. total)	7,683	4.87	1.83
<b>White fir</b> (2% of 5-yr. total)	759	3.02	1.28
<b>Mixed firs</b> (1% of 5-yr. total) (DF, SaF, WF)	0	2.15	.56
<b>Juniper</b> (<1% of 5-yr. total)	492	.66	1.38
<b>Pinyon pine</b> (<1% of 5-yr. total)	281	.346	.726
<b>Other conifers</b> (<1% of 5-yr. total)	960	.768	0
<b>Gambel oak</b> (<1% of 5-yr. total)	200	.12	.24
<b>Blue spruce</b> (<1% of 5-yr. total)	43	.138	.144

Dixie NF: (gT= 60,000; Small log = 32 mmbf; Large log = 37.6 mmbf)

Ranger Districts	5-yr total (Biomass = gT)	5-yr total Small log (mmbf)	5-yr total Large log (mmbf)
Escalante	5,000	17.1	18.9
Cedar City	32,500	9.6	8.5
Pine Valley	10,000	.5	1
Powell	12,500	4.8	9.2

Manti-La Sal NF: (gT= 0; Small log = 12.83 mmbf; Large log = 3.37 mmbf)

Ranger Districts	5-yr total (Biomass = gT)	5-yr total Small log (mmbf)	5-yr total Large log (mmbf)
Ferron/Price	0	9.85	2.47
Sanpete	0	2.98	.9

Fishlake NF: (gT= 99,750; Small log = 18.69 mmbf; Large log = 17.5 mmbf)

Ranger Districts	5-yr total (Biomass = gT)	5-yr total Small log (mmbf)	5-yr total Large log (mmbf)
East Zone	62,000	16.64	9.71
West Zone	37,750	2.05	7.79

Kaibab NF: (gT= 10,193; Small log = 15.29 mmbf; Large log = 16.21 mmbf)

Ranger Districts	5-yr total (Biomass = gT)	5-yr total Small log (mmbf)	5-yr total Large log (mmbf)
North Kaibab	10,193	15.29	16.21

BLM: (gT= 104,568; Small log = 68.63 mmbf; Large log = 1.77 mmbf)

Agency	Field Offices	5-yr total (Biomass = gT)	5-yr total Small log (mmbf)	5-yr total Large log (mmbf)
<b>UT BLM</b> <i>gT= 81,568</i> <i>Small log = 64.83 mmbf</i> <i>Large log = .95 mmbf</i>	Price	50	0	0
	Cedar City	46,275	37.27	.625
	Fillmore	1,593	1.33	.187
	GSENM	2,000	1.6	0
	Richfield	31,562	24.58	.125
	St. George	43.75	.022	.006
	Kanab	43.75	.022	.006
<b>AZ BLM</b> <i>gT= 23,000</i> <i>Small log = 3.79 mmbf</i> <i>Large log = .817 mmbf</i>	Arizona Strip	23,000	3.79	.817

Agency	5-yr total (Biomass = gT)	5-yr total Small log (mmbf)	5-yr total Large log (mmbf)
UT Trust Lands	0	2.2	1.7

**Southern Utah: All Agencies CROP offering/removal '06 – '10**  
**(gT = 274,512 / S = 149.647 mmbf / L = 78.152 mmbf)**

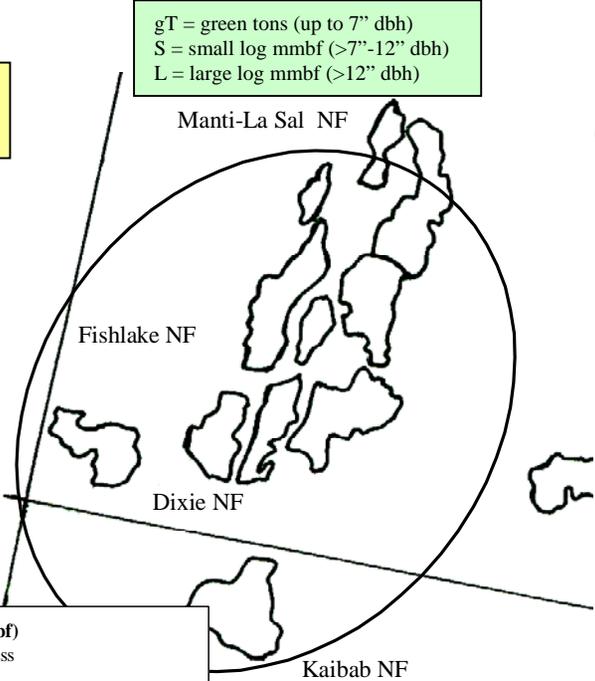
gT = green tons (up to 7" dbh)  
 S = small log mmbf (>7"-12" dbh)  
 L = large log mmbf (>12" dbh)

**Manti-la Sal NF: 2 RDs – 6%**  
**(gT = 0 / S = 12.835 / L = 3.37)**

**Utah Trust Lands: 5 RDs 1%**  
**(gT = 0 / S = 2.2 / L = 1.7)**

**Fishlake NF: 2 Zones – 20%**  
**(gT = 99,750 / S = 18.693 / L = 17.503)**

UT  
AZ

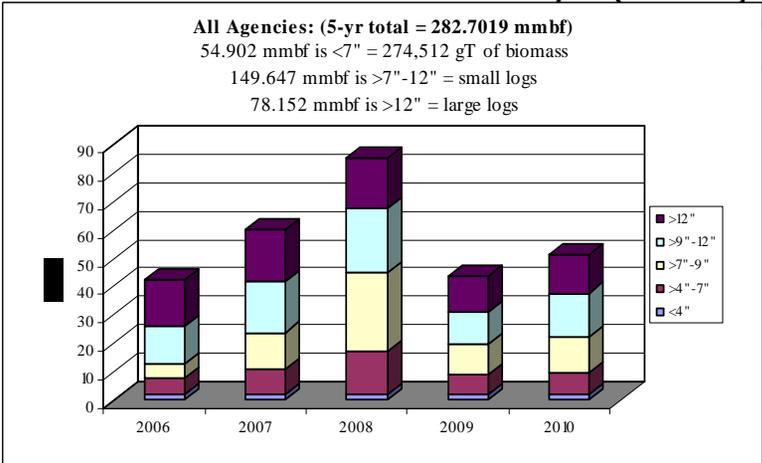


**AZ-BLM: 1 FO – 3%**  
**(gT = 23,000 / S = 3.7925 / L = .8175)**

**UT-BLM: 7 FO – 29%**  
**(gT = 81,568 / S = 64.834 / L = .95)**

**Dixie NF: 4 RDs – 29%**  
**(gT = 60,000 / S = 32 / L = 37.6)**

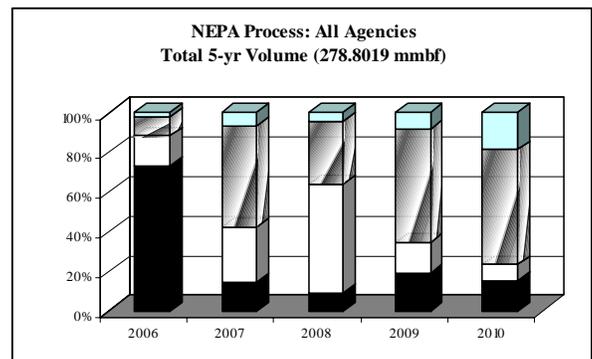
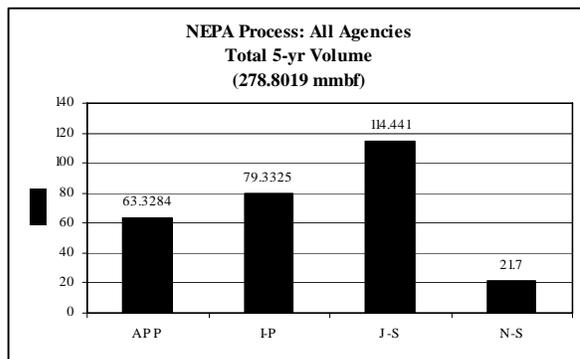
**Kaibab NF: 1 RD – 12%**  
**(gT = 10,193 / S = 15.293 / L = 16.2115)**



	gT	mmbf	
	Biomass	Small log	Large Log
2006	39972.25	18.27555	16.4098
2007	54135.75	30.7397545	18.757
2008	85806.75	50.62945	17.2704
2009	46291.25	21.89795	12.3474
2010	48306.25	28.10475	13.3674
<b>Totals</b>	<b>274512.25</b>	<b>149.6474545</b>	<b>78.152</b>
<b>%</b>	<b>19%</b>	<b>53%</b>	<b>28%</b>
<b>mmbf</b>	<b>54.90245</b>		

Southern Utah NEPA Process – All Agencies:  
 Total 5-yr volume (278.802 mmbf; includes gT as mmbf)

	<i>mmbf</i>	<i>% of total</i>
<i>Approved (APP)</i>	63.328	23%
<i>In process (I-P)</i>	79.332	28%
<i>Just started (J-S)</i>	114.44	41%
<i>Not started N-S)</i>	21.7	8%



***All Agencies CROP offering/removal '06 – '10***  
**(gT = 274,512 / S = 149.647 mmbf / L = 78.152 mmbf)**

**BLM:**

- A Arizona Strip FO\* (AZ) (9.21 mmbf)\*\*\*
- B Price FO (UT) (.01 mmbf)
- C Cedar City FO (UT) (47.15 mmbf)
- D Fillmore FO (UT) (1.837 mmbf)
- E GSENM FO\*\* (UT) (2 mmbf)
- F Richfield FO (UT) (31.025 mmbf)
- G St. George FO (UT) (.0375 mmbf)
- H Kanab FO (UT) (.0375 mmbf)

**Dixie NF:**

- I Escalante RD (37 mmbf)
- J Cedar City RD (24.6 mmbf)
- K Pine Valley RD (3.5 mmbf)
- L Powell RD (16.5 mmbf)

**Kaibab NF:**

- M North Kaibab RD (33.543 mmbf)

**Manti-La Sal NF:**

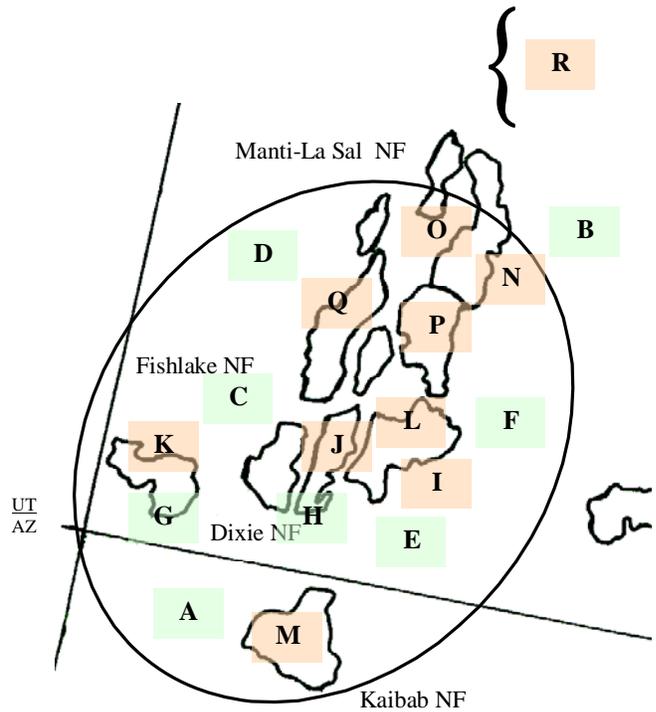
- N Ferron/Price RD (12.323 mmbf)
- O Sanpete RD (3.882 mmbf)

**Fishlake NF:**

- P East Zone-Fremont/Richfield RD (38.756 mmbf)
- Q West Zone-Beaver/Fillmore RD (17.39 mmbf)

**Utah Trust Lands:**

- R Utah Trust Lands (3.9 mmbf)



\* FO – Field Office

\*\* GSENM – Grand Staircase Escalante National Monument

\*\*\* 5-yr volume offering

**Southern Utah: Pinyon Pine/Juniper CROP offering/removal '06 - '10**  
**(gT = 161,693 / S = 65.674 mmbf / L = 1.2 mmbf)**

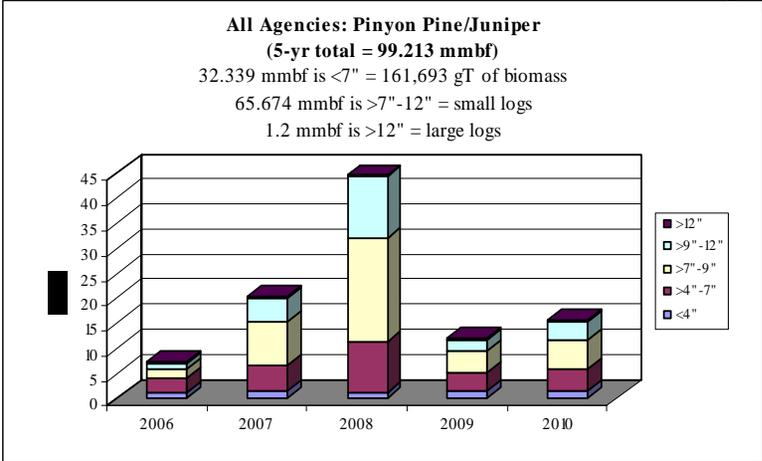
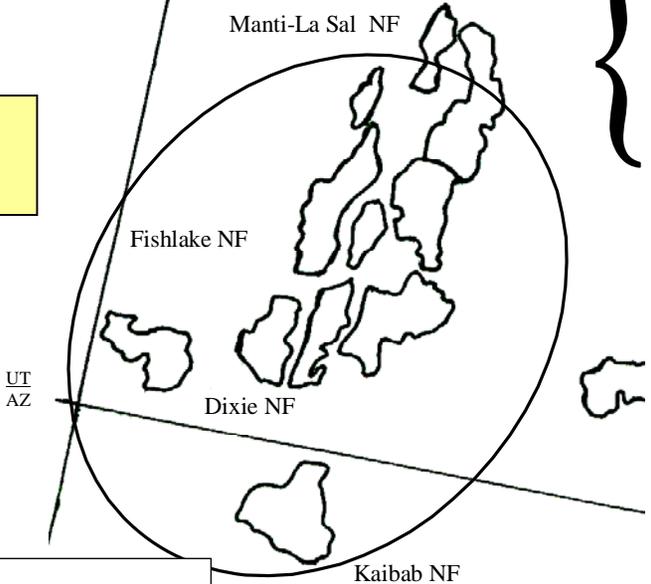
gT = green tons (up to 7" dbh)  
 S = small log mmbf (>7"-12" dbh)  
 L = large log mmbf (>12" dbh)

**\*Fishlake NF: 2 Zones - 11%**  
**(gT = 52,250 / S = .525 / L = .075)**  
 \*some volume not currently accessible by roads

**Dixie NF: 1 RD - 2%**  
**(gT = 10,000 / S = 0 / L = 0)**

**AZ-BLM: 1 FO - 6%**  
**(gT = 20,125 / S = 1.775 / L = .175)**

**UT-BLM: 6 FOs - 81%**  
**(gT = 79,318 / S = 63.373 / L = .95)**



	gT	mmbf	mmbf
	Biomass	Small log	Large Log
2006	19206.25	3.06125	0.23
2007	33068.75	13.40125	0.2425
2008	55946.25	33.01575	0.2425
2009	25136.25	6.66775	0.2425
2010	28336.25	9.52775	0.2425
<b>Totals</b>	<b>161693.75</b>	<b>65.67375</b>	<b>1.2</b>
%	33%	66%	1%
mmbf	32.33875		

**Southern Utah: Engelmann Spruce CROP offering/removal '06 – '10**  
**(gT = 30,263 / S = 28.732 mmbf / L = 43.689 mmbf)**

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

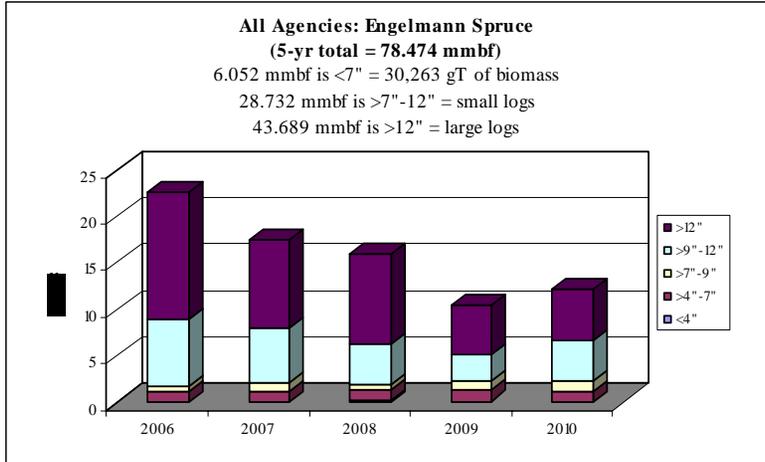
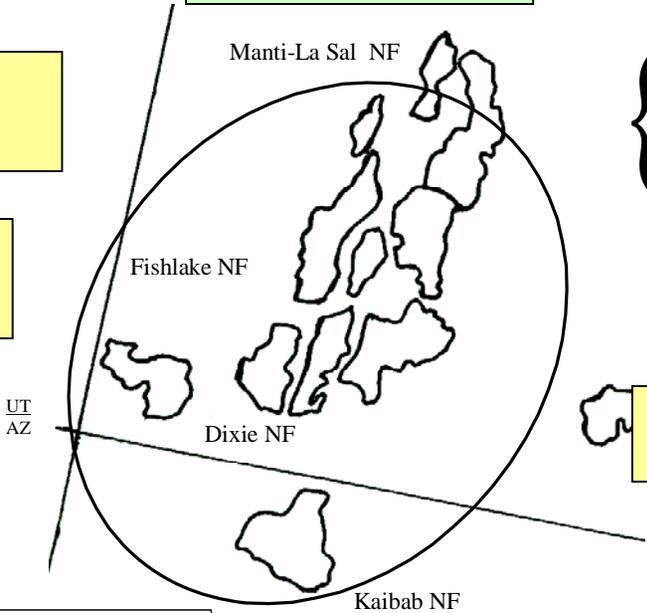
**\*Manti-La Sal NF: 2 RDs – 13%**  
**(gT = 0 / S = 8.202 / L = 2.17)**  
 \*some volume not currently accessible by roads

**\*(Fishlake NF: 2 Zones – 26%**  
**(gT = 6,982.5 / S = 6.781 / L = 12.169)**  
 \*some volume not currently accessible by roads

**\*Dixie NF: 3 RDs – 59%**  
**(gT = 22,500 / S = 12.7 / L = 28.7)**  
 \*some volume not currently accessible by roads

**Utah Trust Lands: – 1%**  
**(gT = 0 / S = .62 / L = .505)**

**Kaibab NF: 1 RD – <1%**  
**(gT = 781 / S = .4293 / L = .1443)**



	gT	mmbf	
	Biomass	Small log	Large Log
2006	5710	7.78833	13.61073
2007	5596.5	6.85901	9.426
2008	6365	4.9954	9.636
2009	6612	3.700235	5.3989
2010	5980	5.38974	5.61744
<b>Totals</b>	<b>30263.5</b>	<b>28.732715</b>	<b>43.68907</b>
<b>%</b>	<b>8%</b>	<b>37%</b>	<b>56%</b>
<b>mmbf</b>	<b>6.0527</b>		

**Southern Utah: *Ponderosa Pine* CROP offering/removal '06 - '10**  
**(gT = 33,021 / S = 26.691 mmbf / L = 17.284 mmbf)**

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

**Utah Trust Lands: - 1%**  
**(gT = 0 / S = .385 / L = .315)**

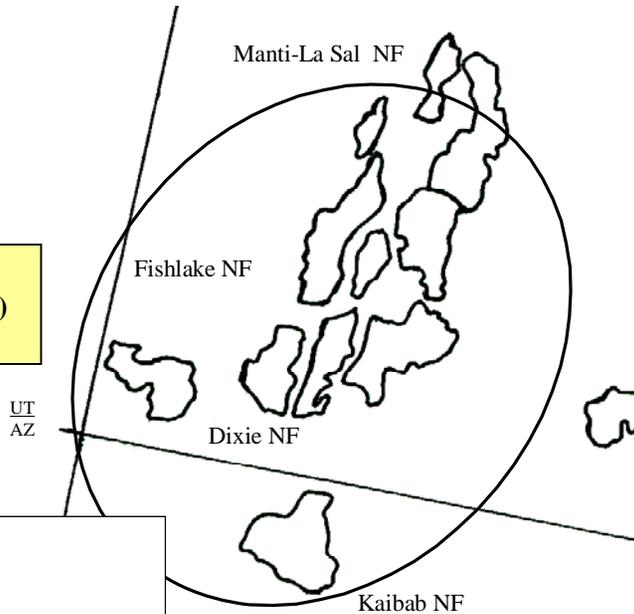
**Fishlake NF: 1 Zone <1%**  
**(gT = 0 / S = .05 / L = 0)**

**\*Dixie NF: 4 RDs - 40%**  
**(gT = 22,500 / S = 11.899 / L = 3.775)**  
 \*some volume not currently accessible by roads

**AZ-BLM: 1 FO -6%**  
**(gT = 2,875 / S = 2.0175 / L = .6425)**

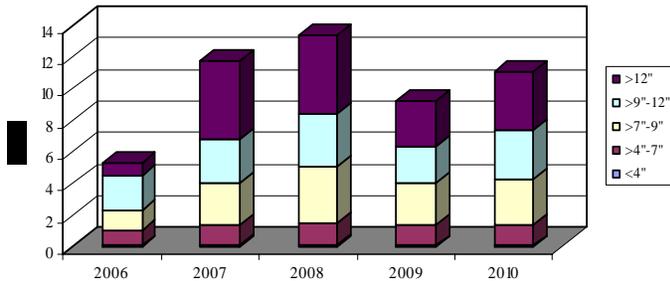
**UT-BLM: 1 FO - <1%**  
**(gT = 600 / S = .18 / L = 0)**

**Kaibab NF: 1 RD - 52%**  
**(gT = 7,046 / S = 12.159 / L = 12.551)**



**All Agencies: *Ponderosa Pine***  
**(5-yr total = 50.579 mmbf)**

6.604 mmbf is <7" = 33,021 gT of biomass  
 26.691 mmbf is >7"-12" = small logs  
 17.284 mmbf is >12" = large logs



	gT	mmbf	mmbf
	Biomass	Small log	Large Log
2006	5257	3.3723	0.8068
2007	6926	5.4219	4.8895
2008	7499.5	6.8959	4.9939
2009	6635	4.9853	2.8999
2010	6703.5	6.0154	3.6939
Totals	33021	26.6908	17.284
%	13%	53%	34%
mmbf	6.6042		

**Southern Utah: Aspen CROP offering/removal '06 - '10  
(gT = 24,270 / S = 11.101 mmbf / L = 4.105 mmbf)**

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

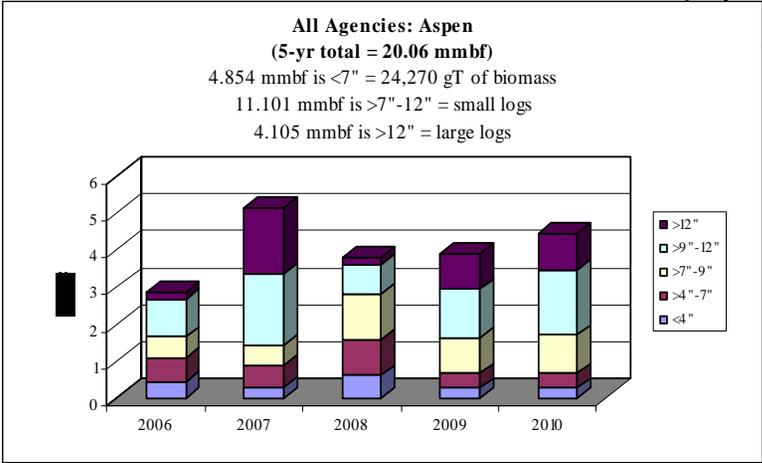
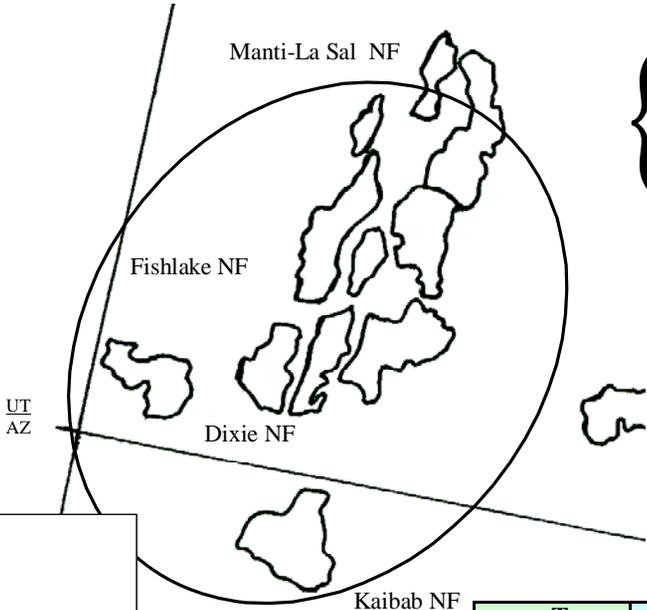
**\*Manti-La Sal NF: 2 RDs - 16%**  
**(gT = 0 / S = 2.476 / L = .64)**  
\*some volume not currently accessible by roads

**\*Fishlake NF: 2 Zones - 67%**  
**(gT = 23,480 / S = 6.341 / L = 2.511)**  
\*some volume not currently accessible by roads

**UT-BLM: 1 FO 3%**  
**(gT = 640 / S = .512 / L = 0)**

**Dixie NF: 2 RDs - 12%**  
**(gT = 0 / S = 1.6824 / L = .7746)**

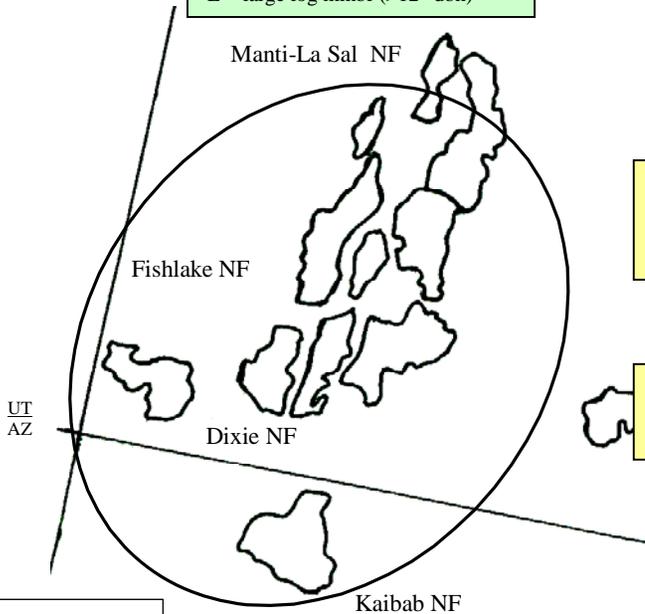
**Kaibab NF: 1 RD - 1%**  
**(gT = 150 / S = .09 / L = .18)**



	gT	mmbf	mmbf
	Biomass	Small log	Large Log
2006	5440	1.565	0.181
2007	4410	2.473	1.761
2008	7900	2.015	0.211
2009	3260	2.2744825	0.95545
2010	3260	2.77443	0.99713
<b>Totals</b>	<b>24270</b>	<b>11.1019125</b>	<b>4.10558</b>
<b>%</b>	<b>24%</b>	<b>55%</b>	<b>20%</b>
<b>mmbf</b>	<b>4.854</b>		

**Southern Utah: Subalpine Fir CROP offering/removal '06 - '10**  
**(gT = 14,845 / S = 5.363 mmbf / L = 5.692 mmbf)**

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

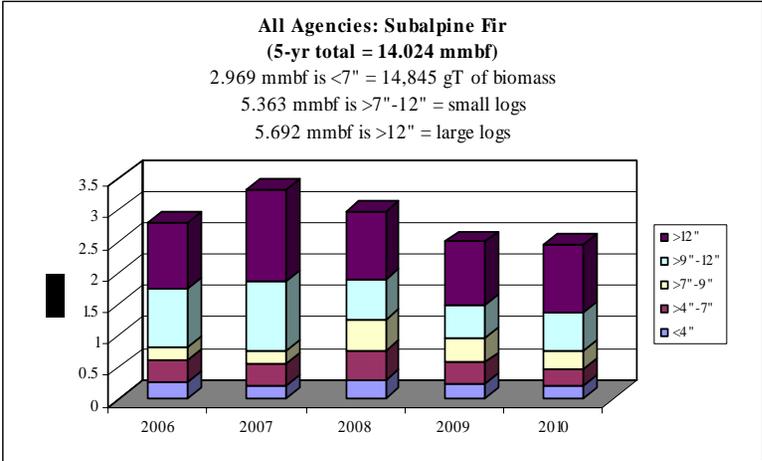


**\*Dixie NF: 3 RDs - 30%**  
**(gT = 0 / S = 1.3 / L = 2.8)**  
 \*some volume not currently accessible by roads

**\*UT Trust Lands: 4%**  
**(gT = 0 / S = .345 / L = .255)**  
 \*some volume not currently accessible by roads

**\*Fishlake NF: 2 Zones - 63%**  
**(gT = 14,437 / S = 3.459 / L = 2.53)**  
 \*some volume not currently accessible by roads

**Kaibab NF: 1 RD 3%**  
**(gT = 407 / S = .2581 / L = .1068)**



	gT	mmbf	
	Biomass	Small log	Large Log
2006	3059.5	1.1251	1.0546
2007	2759.5	1.30659725	1.463
2008	3759.5	1.1316	1.093
2009	2857	0.916	1.005
2010	2409.5	0.8833	1.0768
Totals	14845	5.36259725	5.6924
%	21%	38%	41%
mmbf	2.969		

**Southern Utah: Douglas Fir CROP offering/removal '06 – '10**  
**(gT = 7,683 / S = 4.876 mmbf / L = 1.837 mmbf)**

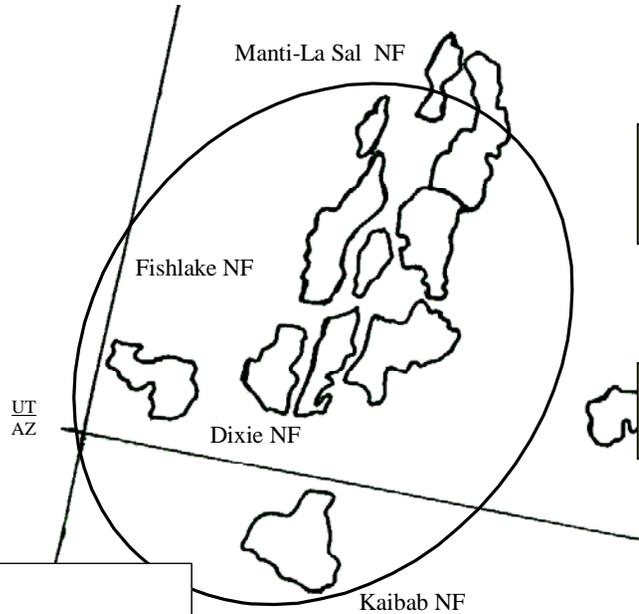
gT = green tons (up to 7" dbh)  
 S = small log mmbf (>7"-12" dbh)  
 L = large log mmbf (>12" dbh)

**Dixie NF: 3 RDs – 49%**  
**(gT = 5,000 / S = 2.232 / L = .7746)**

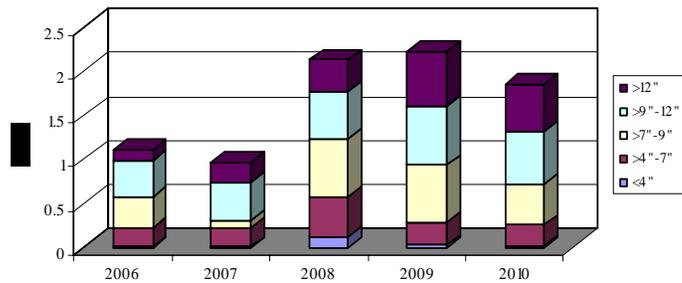
**Fishlake NF: 1 Zone – 27%**  
**(gT = 2,475 / S = 1.536 / L = .217)**

**\*Utah Trust Lands: – 17%**  
**(gT = 0 / S = .787 / L = .5875)**  
 \*some volume not currently accessible by roads

**Kaibab NF: 1 RD – 7%**  
**(gT = 208 / S = .3203 / L = .2586)**



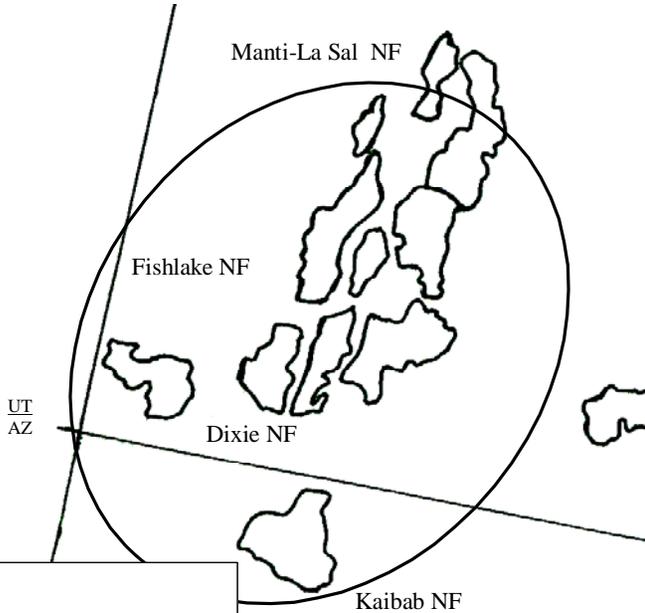
**All Agencies: Douglas Fir**  
**(5-yr total = 8.249 mmbf)**  
 1.536 mmbf is <7" = 7,683 gT of biomass  
 4.876 mmbf is >7"-12" = small logs  
 1.837 mmbf is >12" = large logs



	gT	mmbf	mmbf
	Biomass	Small log	Large Log
2006	1080	0.77457	0.11017
2007	1080	0.51449725	0.231
2008	2880	1.1958	0.3522
2009	1395	1.3269	0.607
2010	1248	1.064	0.537
<b>Totals</b>	<b>7683</b>	<b>4.87576725</b>	<b>1.83737</b>
%	19%	59%	22%
mmbf	1.5366		

**Southern Utah: White Fir CROP offering/removal '06 - '10**  
**(gT = 759 / S = 3.02 mmbf / L = 1.287 mmbf)**

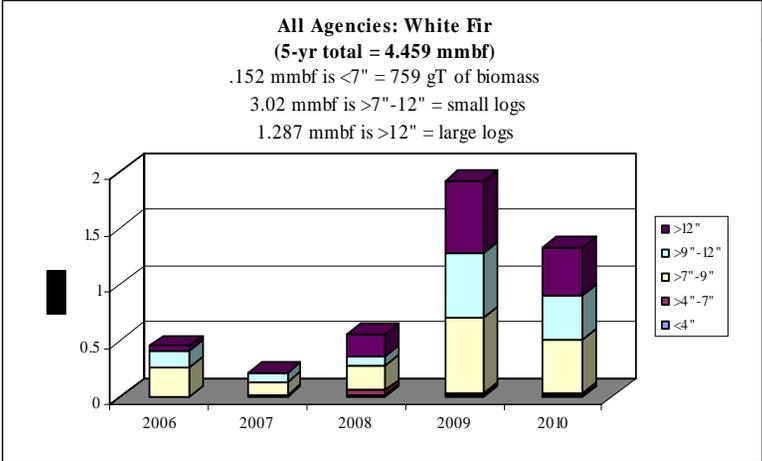
gT = green tons (up to 7" dbh)  
 S = small log mmbf (>7"-12" dbh)  
 L = large log mmbf (>12" dbh)



**Dixie NF: 2 RDs 66%**  
**(gT = 0 / S = 2.1862 / L = .7758)**

**Utah Trust Lands: 2%**  
**(gT = 0 / S = .0625 / L = .0375)**

**Kaibab NF: 1 RD 31%**  
**(gT = 759 / S = .7717 / L = .474)**

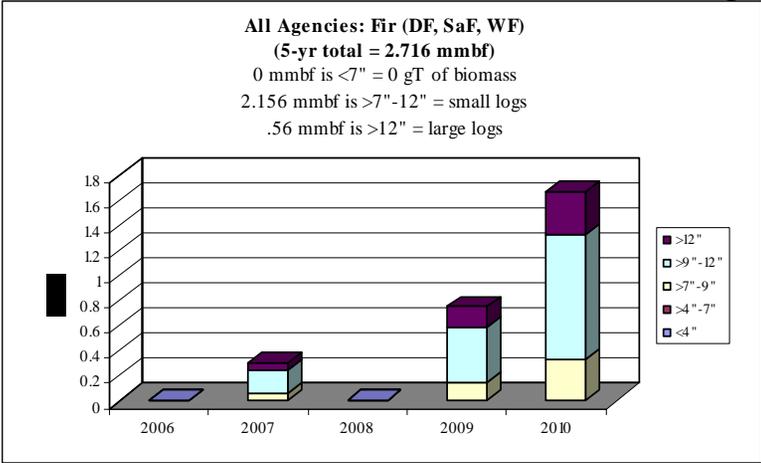
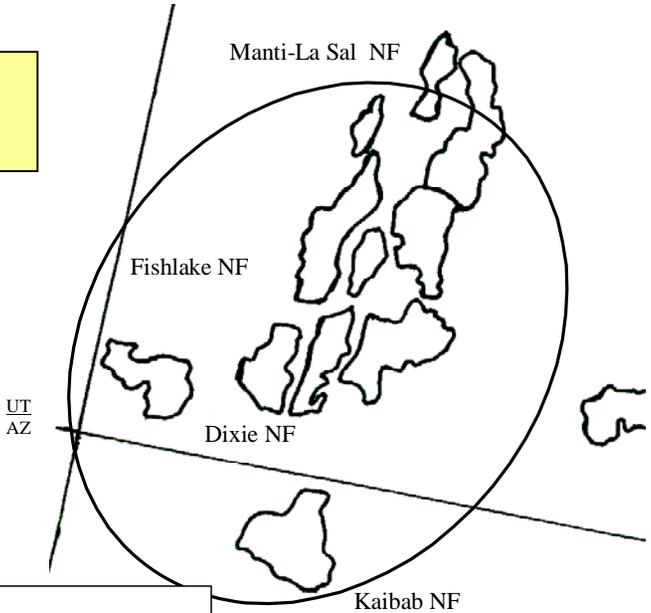


	gT	mmbf	
	Biomass	Small log	Large Log
2006	24.5	0.407	0.0405
2007	81	0.1996	0.003
2008	297.5	0.3053	0.1866
2009	200	1.2347	0.637
2010	156.5	0.8738	0.4202
<b>Totals</b>	<b>759.5</b>	<b>3.0204</b>	<b>1.2873</b>
%	3%	68%	29%
<b>mmbf</b>	<b>0.1519</b>		

**Southern Utah: Fir (DF, SaF, WF) CROP offering/removal '06 - '10**  
**(gT = 0 / S = 2.156 mmbf / L = .56 mmbf)**

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

**\*Manti-La Sal: 2 RDs 100%**  
**(gT = 0 / S = 2.156 / L = .56)**  
 \*some volume not currently accessible by roads

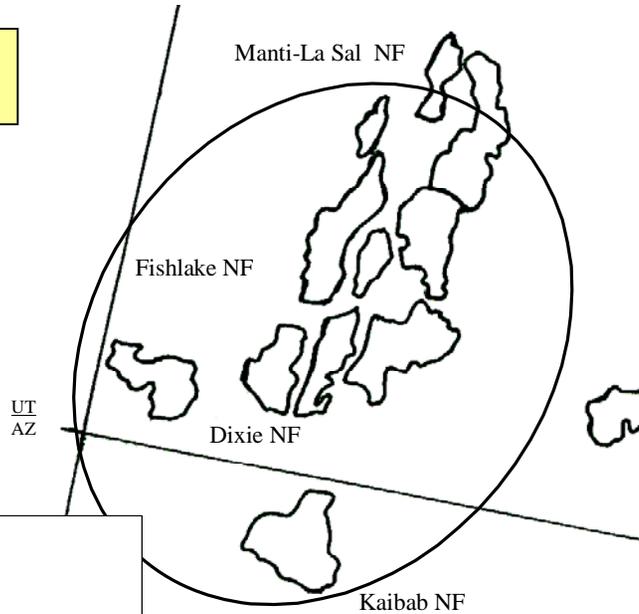


	gT	mmbf	
	Biomass	Small log	Large Log
2006	0	0	0
2007	0	0.24	0.06
2008	0	0	0
2009	0	0.5832825	0.16665
2010	0	1.33323	0.33333
<b>Totals</b>	<b>0</b>	<b>2.1565125</b>	<b>0.55998</b>
<b>%</b>	<b>0%</b>	<b>79%</b>	<b>21%</b>
<b>mmbf</b>	<b>0</b>		

**Southern Utah: Juniper CROP offering/removal '06 - '10**  
**(gT = 492 / S = .66 mmbf / L = 1.386 mmbf)**

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

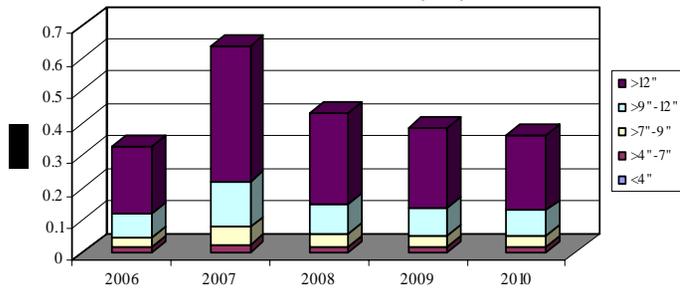
**Fishlake NF: 1 Zone 1%**  
**(gT = 125 / S = 0 / L = 0)**



**Kaibab NF: 1 RD 99%**  
**(gT = 367 / S = .66 / L = 1.386)**

**All Agencies: Juniper**  
**(5-yr total = 2.144 mmbf)**

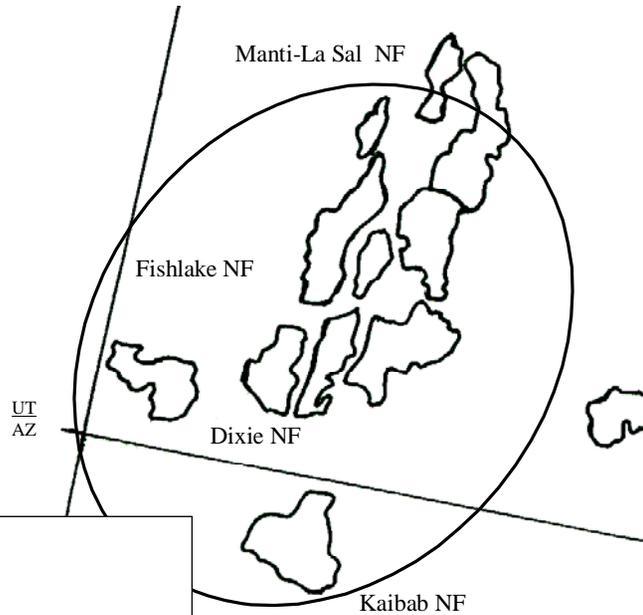
.098 mmbf is <7" = 492 gT of biomass  
 .66 mmbf is >7"-12" = small logs  
 1.386 mmbf is >12" = large logs



	gT	mmbf	
	Biomass	Small log	Large Log
2006	95	0.101	0.209
2007	108	0.1974	0.416
2008	98	0.1324	0.279
2009	96	0.1186	0.249
2010	95	0.1105	0.233
Totals	492	0.6599	1.386
%	5%	31%	65%
mmbf	0.0984		

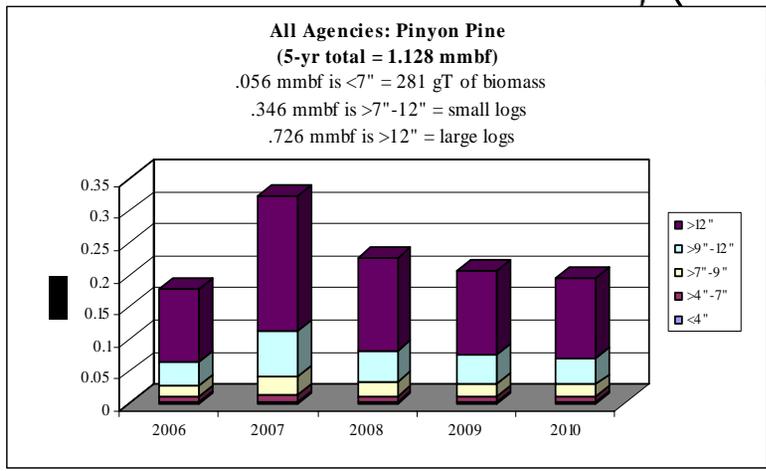
**Southern Utah: Pinyon Pine CROP offering/removal '06 - '10**  
**(gT = 281 / S = .346 mmbf / L = .726 mmbf)**

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



**UT-BLM: 1 FO 1%**  
**(gT = 50 / S = 0 / L = 0)**

**Kaibab NF: 1 RD 99%**  
**(gT = 231 / S = .3464 / L = .726)**

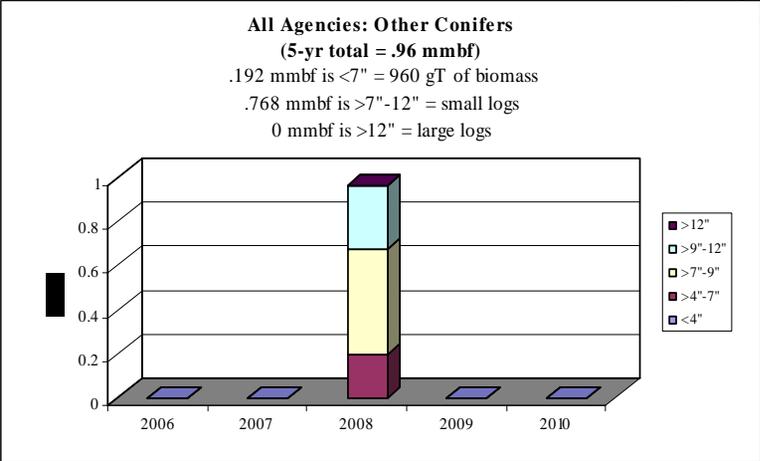
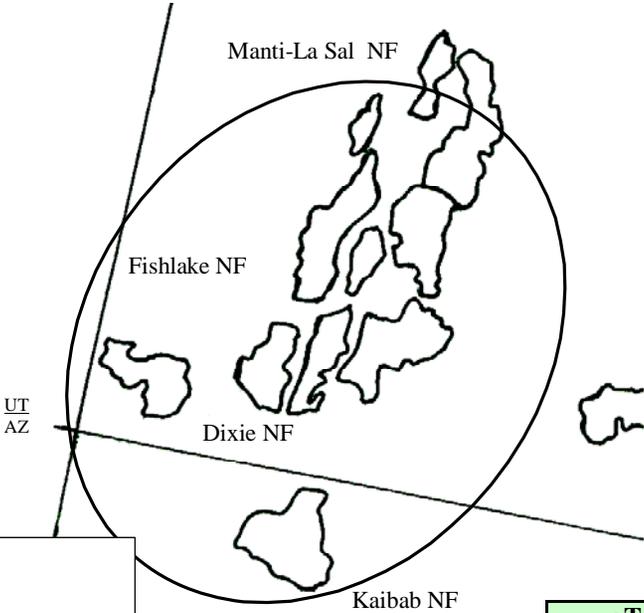


	gT	mmbf	mmbf
	Biomass	Small log	Large Log
2006	55	0.054	0.113
2007	61	0.0995	0.211
2008	56	0.0695	0.146
2009	55	0.0637	0.132
2010	54.5	0.0597	0.124
Totals	281.5	0.3464	0.726
%	5%	31%	64%
mmbf	0.0563		

**Southern Utah: Other Conifers CROP offering/removal '06 – '10**  
**(gT = 960 / S = .768 mmbf / L = 0 mmbf)**

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

**UT-BLM: 1 FO 100%**  
**(gT = 960 / S = .768 / L = 0)**

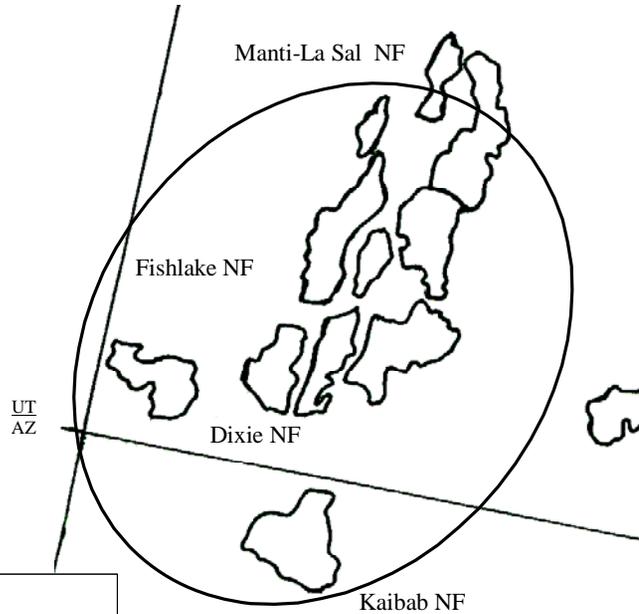


	gT	mmbf	mmbf
	Biomass	Small log	Large Log
2006	0	0	0
2007	0	0	0
2008	960	0.768	0
2009	0	0	0
2010	0	0	0
<b>Totals</b>	<b>960</b>	<b>0.768</b>	<b>0</b>
%	20%	80%	0%
mmbf	0.192		

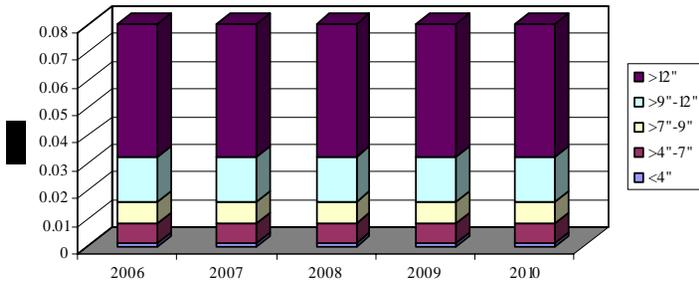
**Southern Utah: Gambel Oak CROP offering/removal '06 – '10**  
**(gT = 200 / S = .12 mmbf / L = .24 mmbf)**

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

**Kaibab NF: 1 RD 100%**  
**(gT = 200 / S = .12 / L = .24)**



**All Agencies: Gambel Oak**  
**(5-yr total = .4 mmbf)**  
 .04 mmbf is <7" = 200 gT of biomass  
 .12 mmbf is >7"-12" = small logs  
 .24 mmbf is >12" = large logs

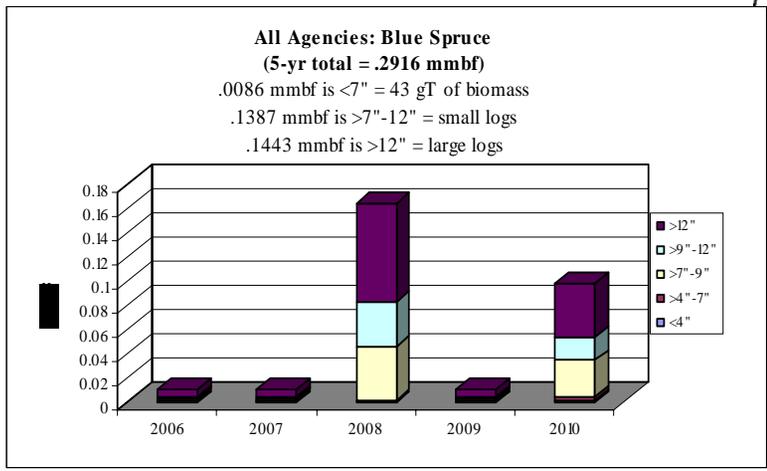
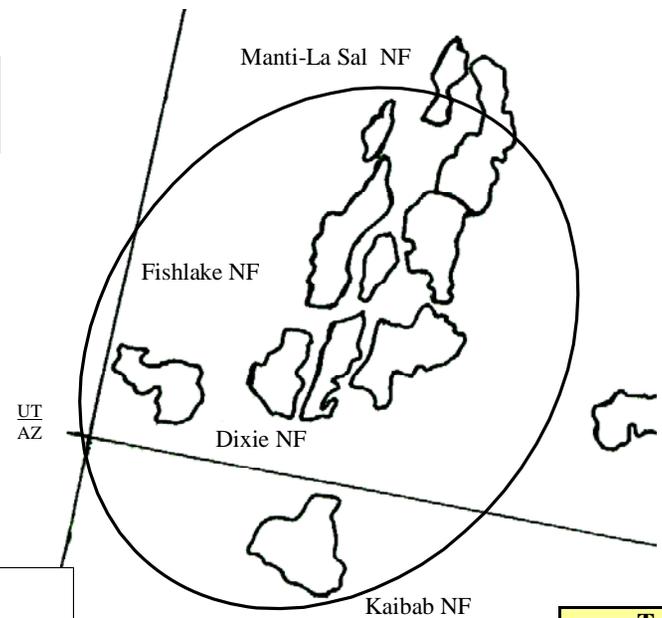


	gT	mmbf	
	Biomass	Small log	Large Log
2006	40	0.024	0.048
2007	40	0.024	0.048
2008	40	0.024	0.048
2009	40	0.024	0.048
2010	40	0.024	0.048
Totals	200	0.12	0.24
%	10%	30%	60%
mmbf	0.04		

**Southern Utah: Blue Spruce CROP offering/removal '06 - '10**  
**(gT = 43 / S = .1387 mmbf / L = .1443 mmbf)**

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

**Kaibab NF: 1 RD 100%**  
**(gT = 43 / S = .1387 / L = .1443)**



	gT	mmbf	
	Biomass	Small log	Large Log
2006	5	0.003	0.006
2007	5	0.003	0.006
2008	5	0.0808	0.0822
2009	5	0.003	0.006
2010	23	0.0489	0.0441
<b>Totals</b>	<b>43</b>	<b>0.1387</b>	<b>0.1443</b>
%	3%	48%	49%
<b>mmbf</b>	<b>0.0086</b>		

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