

## Initial Assessment of Burn Impacts by Watershed

(based on DOI BAER Vegetation mortality - released 11/10/03)

Land Cover Type	San Diego Watershed			Otay Watershed		
	Acres Burned	Percent	Total Acres	Acres Burned	Percent	Total Acres
Coastal Sage Scrub	36,995.9	83.0%	44,588.5	16,685.5	53.7%	31,082.3
Coastal Sage Scrub/Chaparral	5,389.1	96.3%	5,597.0	308.6	17.7%	1,744.4
Chaparral	94,812.0	96.9%	97,847.9	6,881.3	33.1%	20,777.9
Southern Maritime Chaparral			0.0			0.0
Maritime Succulent Scrub			0.0	0.0	0.0%	897.7
Desert Scrubs*			0.0			0.0
Other Scrubs			0.0			0.0
Grassland	7,352.4	74.1%	9,916.1	1,037.5	19.8%	5,233.2
Riparian Scrub/Woodland/Forest	5,104.8	79.4%	6,432.4	220.7	13.5%	1,638.1
Woodlands	18,650.2	93.2%	20,003.0	211.0	10.2%	2,066.4
Montane Coniferous Forest	13,423.7	82.4%	16,296.2	2,208.3	55.5%	3,982.0
Meadow and Marsh	2,078.5	93.9%	2,214.2	131.6	35.9%	366.3
Open Water	2,587.0	76.1%	3,400.3	76.3	5.8%	1,322.8
Coastal Dunes and Beaches	0.0	0.0%	29.8	0.0	0.0%	662.8
Desert Dunes			0.0			0.0
Playas			0.0			0.0
<i>Total Natural Vegetation*</i>	<i>186,393.4</i>	<i>90.3%</i>	<i>206,325.3</i>	<i>27,760.6</i>	<i>39.8%</i>	<i>69,774.0</i>
Agricultural Land	1,520.7	30.4%	4,994.8	295.2	3.1%	9,461.7
Developed/Disturbed Land/Eucalyptus	3,226.0	4.9%	65,993.1	370.9	1.9%	19,175.8
<i>Total Ag and Developed</i>	<i>4,746.7</i>	<i>6.7%</i>	<i>70,987.8</i>	<i>666.1</i>	<i>2.3%</i>	<i>28,637.6</i>
<b>Grand Total</b>	<b>191,141.3</b>	<b>68.9%</b>	<b>277,539.7</b>	<b>28,426.8</b>	<b>28.9%</b>	<b>98,485.8</b>

\* Not including Anza-Borrego Vegetation (not in same GIS coverage)

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Land Cover Type	Penasquitos Watershed			Sweetwater Watershed		
	Acres Burned	Percent	Total Acres	Acres Burned	Percent	Total Acres
Coastal Sage Scrub	4,858.4	36.5%	13,320.3	3,025.1	15.8%	19,087.8
Coastal Sage Scrub/Chaparral	184.7	32.0%	577.8	379.4	35.2%	1,076.8
Chaparral	8,345.5	53.1%	15,720.1	22,867.4	38.0%	60,099.7
Southern Maritime Chaparral	4.1	0.5%	897.8			0.0
Maritime Succulent Scrub	0.0	0.0%	551.0	0.0	0.0%	2.3
Desert Scrubs*			0.0	9.5	100.0%	9.5
Other Scrubs			0.0			0.0
Grassland	1,661.1	26.8%	6,206.4	2,037.2	33.8%	6,023.3
Riparian Scrub/Woodland/Forest	178.7	9.6%	1,856.2	738.4	18.8%	3,928.1
Woodlands	39.4	21.7%	181.5	1,865.2	32.7%	5,699.8
Montane Coniferous Forest	0.0	0.0%	137.7	4,250.6	96.9%	4,386.3
Meadow and Marsh	66.7	10.7%	622.2	396.5	49.6%	798.9
Open Water	61.3	17.7%	346.9	16.8	1.2%	1,360.1
Coastal Dunes and Beaches	0.0	0.0%	309.6			0.0
Desert Dunes			0.0			0.0
Playas			0.0			0.0
<i>Total Natural Vegetation*</i>	<i>15,399.9</i>	<i>37.8%</i>	<i>40,727.5</i>	<i>35,586.1</i>	<i>34.7%</i>	<i>102,472.6</i>
Agricultural Land		0.0%	1,725.5	94.4	2.4%	3,962.1
Developed/Disturbed Land/Eucalyptus	271.5	0.5%	59,136.0	891.6	2.2%	40,872.8
<i>Total Ag and Developed</i>	<i>271.5</i>	<i>0.4%</i>	<i>60,861.5</i>	<i>986.0</i>	<i>2.2%</i>	<i>44,834.9</i>
<b>Grand Total</b>	<b>15,671.3</b>	<b>15.1%</b>	<b>103,661.7</b>	<b>36,572.0</b>	<b>24.7%</b>	<b>148,106.2</b>

\* Not including Anza-Borrego Vegetation (not i

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Land Cover Type	San Dieguito Watershed			Carlsbad Watershed		
	Acres Burned	Percent	Total Acres	Acres Burned	Percent	Total Acres
Coastal Sage Scrub	901.3	4.2%	21,569.6	660.0	4.8%	13,666.8
Coastal Sage Scrub/Chaparral	2,596.5	30.3%	8,582.0	43.1	4.0%	1,070.7
Chaparral	12,036.7	20.5%	58,645.7	4,692.0	25.8%	18,193.6
Southern Maritime Chaparral	0.0	0.0%	741.3	0.0	0.0%	1,351.0
Maritime Succulent Scrub			0.0	0.0	0.0%	34.8
Desert Scrubs*	0.0	0.0%	40.1			0.0
Other Scrubs			0.0			0.0
Grassland	3,900.1	16.0%	24,426.4	374.3	6.5%	5,723.1
Riparian Scrub/Woodland/Forest	451.5	8.8%	5,106.0	39.4	1.6%	2,393.9
Woodlands	7,983.8	23.8%	33,582.9	1,861.0	65.6%	2,837.7
Montane Coniferous Forest	784.2	21.1%	3,721.4	0.0	0.0%	0.1
Meadow and Marsh	164.5	8.4%	1,946.7	13.9	1.5%	904.4
Open Water	10.2	0.6%	1,664.0	59.8	3.5%	1,731.8
Coastal Dunes and Beaches	0.0	0.0%	62.9	0.0	0.0%	15.9
Desert Dunes			0.0			0.0
Playas			0.0			0.0
<i>Total Natural Vegetation*</i>	<i>28,828.7</i>	<i>18.0%</i>	<i>160,088.9</i>	<i>7,743.6</i>	<i>16.2%</i>	<i>47,923.9</i>
Agricultural Land	274.1	1.3%	20,400.7	33.0	0.2%	14,504.8
Developed/Disturbed Land/Eucalyptus	32.2	0.1%	40,789.0	139.2	0.2%	72,733.5
<i>Total Ag and Developed</i>	<i>306.3</i>	<i>0.5%</i>	<i>61,189.7</i>	<i>172.2</i>	<i>0.2%</i>	<i>87,238.2</i>
<b>Grand Total</b>	<b>29,135.6</b>	<b>13.2%</b>	<b>221,303.6</b>	<b>7,915.8</b>	<b>5.9%</b>	<b>135,202.3</b>

\* Not including Anza-Borrego Vegetation (not i

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Land Cover Type	Tijuana Watershed			San Luis Rey Watershed		
	Acres Burned	Percent	Total Acres	Acres Burned	Percent	Total Acres
Coastal Sage Scrub	3,958.2	35.0%	11,312.5	3,907.9	12.2%	31,906.4
Coastal Sage Scrub/Chaparral	2.5	0.1%	4,266.7	851.8	46.7%	1,822.2
Chaparral	11,890.2	5.7%	207,525.1	9,161.9	7.9%	115,621.8
Southern Maritime Chaparral			0.0			0.0
Maritime Succulent Scrub			0.0			0.0
Desert Scrubs*	79.3	4.3%	1,833.0	0.0	0.0%	1,217.7
Other Scrubs		0.0%	58.0	0.0	0.0%	931.9
Grassland	316.6	4.5%	7,037.8	602.8	1.7%	36,162.2
Riparian Scrub/Woodland/Forest	143.6	2.6%	5,554.0	250.7	2.5%	10,213.3
Woodlands	85.5	0.7%	12,210.6	3,268.8	12.3%	26,607.0
Montane Coniferous Forest	3,701.0	26.2%	14,099.7	224.3	0.9%	24,128.8
Meadow and Marsh	123.1	3.3%	3,719.2	7.5	0.1%	5,290.8
Open Water	23.1	1.3%	1,807.4	5.6	0.3%	2,194.9
Coastal Dunes and Beaches	0.0	0.0%	253.6	0.0	0.0%	14.6
Desert Dunes			0.0			0.0
Playas			0.0			0.0
<i>Total Natural Vegetation*</i>	<i>20,323.0</i>	<i>7.5%</i>	<i>269,677.5</i>	<i>18,281.3</i>	<i>7.1%</i>	<i>256,111.7</i>
Agricultural Land	46.0	0.5%	9,116.4	288.9	0.5%	61,379.1
Developed/Disturbed Land/Eucalyptus	132.1	1.0%	13,659.9	83.0	0.3%	29,586.0
<i>Total Ag and Developed</i>	<i>178.0</i>	<i>0.8%</i>	<i>22,776.3</i>	<i>371.9</i>	<i>0.4%</i>	<i>90,965.1</i>
<b>Grand Total</b>	<b>20,501.1</b>	<b>6.9%</b>	<b>298,907.3</b>	<b>18,653.2</b>	<b>5.2%</b>	<b>359,230.4</b>

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## Initial Assessment of Burn Impacts by Watershed

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Land Cover Type	Desert Watershed			Grand Total		
	Acres Burned*	Percent	Total Acres	Acres Burned	Percent	Total Acres
Coastal Sage Scrub	8.5	2.5%	333.1	71,000.6	30.9%	229,989.6
Coastal Sage Scrub/Chaparral			0.0	9,755.8	27.4%	35,548.8
Chaparral	2,118.2	2.8%	76,922.5	172,805.2	22.9%	753,220.1
Southern Maritime Chaparral			0.0	4.1		3,115.3
Maritime Succulent Scrub			0.0	0.0		1,919.7
Desert Scrubs*	0.0	0.0%	105,944.9	88.9	0.1%	121,093.0
Other Scrubs	0.0	0.0%	532.8	0.0	0.0%	1,568.0
Grassland	216.2	9.7%	2,238.7	17,498.1	12.2%	143,539.2
Riparian Scrub/Woodland/Forest	0.0	0.0%	8,908.3	7,127.8	12.4%	57,574.4
Woodlands	125.4	1.5%	8,132.8	34,090.2	28.7%	118,981.6
Montane Coniferous Forest	1,022.4	16.5%	6,188.6	25,614.5	33.0%	77,630.9
Meadow and Marsh	319.0	18.7%	1,706.8	3,301.3	17.9%	18,492.0
Open Water	2.5	2.5%	100.8	2,842.5	18.6%	15,317.8
Coastal Dunes and Beaches			0.0	0.0	0.0%	1,711.6
Desert Dunes	0.0	0.0%	677.2	0.0		1,029.9
Playas	0.0	0.0%	4,260.6	0.0		5,748.7
<i>Total Natural Vegetation*</i>	<b>3,812.2</b>	<b>1.8%</b>	<b>215,947.0</b>	<b>344,128.8</b>	<b>21.7%</b>	<b>1,586,480.5</b>
Agricultural Land	26.8	0.3%	8,137.9	2,579.0	1.8%	144,984.6
Developed/Disturbed Land/Eucalyptus	147.6	1.8%	8,234.6	5,294.1	1.3%	394,303.9
<i>Total Ag and Developed</i>	<b>174.4</b>	<b>1.1%</b>	<b>16,372.5</b>	<b>7,873.1</b>	<b>1.5%</b>	<b>539,288.5</b>
<b>Grand Total</b>	<b>3,986.6</b>	<b>0.6%</b>	<b>685,076.3</b>	<b>352,003.6</b>	<b>13.0%</b>	<b>2,713,567.5</b>

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