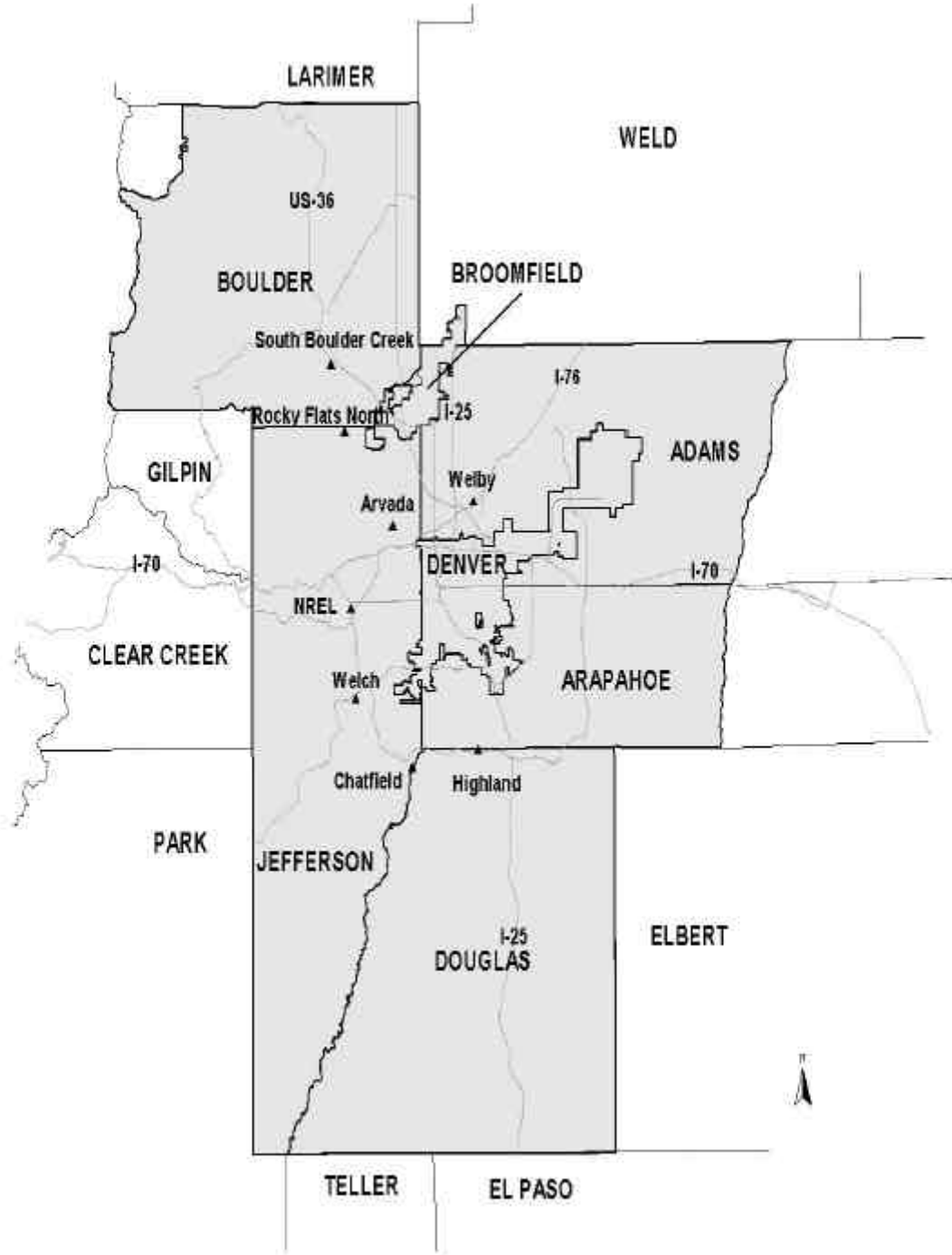


# Appendix

# Map of the Denver Metropolitan Ozone Attainment/Maintenance Area and Monitoring Sites



**Table 1**  
 2003 4 Highest Ozone Values (ppb)  
 Annual 4<sup>th</sup> Maximum 8-Hour Ozone Values (ppb)  
 2001-2003 3-Year Average and 2003 Allowable  
 All CDPHE Sites

Monitor	2003			2003	2002	2001	2001-2003	2004
	1 <sup>st</sup> Max	2 <sup>nd</sup> Max	3 <sup>rd</sup> Max	4 <sup>th</sup> Max	4 <sup>th</sup> Max	4 <sup>th</sup> Max	Ave.	Allow.*
NREL	11-July	12-July	26-July	2-Aug	18-July	5-July		
	<b>102</b>	<b>100</b>	<b>97</b>	<b>95</b>	<b>81</b>	<b>81</b>	<b>86</b>	<b>78</b>
Rocky Flats	17-July	2-Aug.	26-July	22-July	9-June	3-Aug		
	<b>95</b>	<b>93</b>	<b>92</b>	<b>91</b>	<b>88</b>	<b>82</b>	<b>87</b>	<b>75</b>
Chatfield	11-July	12-July	26-July	18-July	20-July	9-July		
	<b>117</b>	<b>115</b>	<b>96</b>	<b>95</b>	<b>83</b>	<b>77</b>	<b>85</b>	<b>76</b>
Highland Reservoir	11-July	12-July	18-July	26-July	28-June	12-Aug.		
	<b>119</b>	<b>109</b>	<b>93</b>	<b>91</b>	<b>76</b>	<b>77</b>	<b>81</b>	<b>87</b>
Arvada	11-July	12-July	26-July	2-Aug.	1-July	7-July		
	<b>94</b>	<b>90</b>	<b>85</b>	<b>83</b>	<b>73</b>	<b>74</b>	<b>77</b>	<b>98</b>
So. Boulder Creek	26-July	2-Aug.	14-Aug.	28-May	29-June	4-Aug.		
	<b>86</b>	<b>85</b>	<b>83</b>	<b>82</b>	<b>78</b>	<b>71</b>	<b>77</b>	<b>94</b>
Carriage	11-July	12-July	26-July	18-July	26-June	5-July		
	<b>108</b>	<b>91</b>	<b>88</b>	<b>85</b>	<b>73</b>	<b>72</b>	<b>77</b>	<b>96</b>
Welch	12-July	11-July	26-July	16-Aug.	30-June	7-Aug		
	<b>97</b>	<b>87</b>	<b>84</b>	<b>77</b>	<b>69</b>	<b>64</b>	<b>70</b>	<b>108</b>
Welby	11-July	21-Aug.	28-May	2-Aug.	26-June	4-Aug.		
	<b>70</b>	<b>70</b>	<b>69</b>	<b>66</b>	<b>68</b>	<b>64</b>	<b>66</b>	<b>120</b>

NOTE: The 2003 ozone season ended August 31; data has not been fully quality assured at this time.

\* 4<sup>th</sup> maximum allowable in 2004 to still maintain the standard.

**Table 2**

2003 4 Highest 1-Hour Ozone Values (ppb)  
All CDPHE Sites

<b>Site</b>	<b>1<sup>st</sup> Max</b>	<b>2<sup>nd</sup> Max</b>	<b>3<sup>rd</sup> Max</b>	<b>4<sup>th</sup> Max</b>
<b>NREL</b>	11-July	26-July	2-August	12-July
	<b>130</b>	<b>119</b>	<b>114</b>	<b>111</b>
<b>Arvada</b>	11-July	26-July	2-August	12-July
	<b>114</b>	<b>99</b>	<b>98</b>	<b>97</b>
<b>Rocky Flats</b>	17-July	18-July	19-July	28-May
	<b>110</b>	<b>104</b>	<b>104</b>	<b>103</b>
<b>Chatfield</b>	11-July	12-July	18-July	26-July
	<b>153</b>	<b>141</b>	<b>115</b>	<b>112</b>
<b>Highland Reservoir</b>	11-July	12-July	18-July	23-July
	<b>150</b>	<b>126</b>	<b>102</b>	<b>97</b>
<b>Carriage</b>	11-July	12-July	17-July	26-July
	<b>133</b>	<b>108</b>	<b>97</b>	<b>96</b>
<b>So. Boulder Creek</b>	8-July	17-July	13-August	26-July
	<b>102</b>	<b>100</b>	<b>100</b>	<b>98</b>
<b>Welch</b>	11-July	12-July	26-July	22-June
	<b>111</b>	<b>110</b>	<b>99</b>	<b>95</b>
<b>Welby</b>	12-June	28-May	21-August	31-May
	<b>89</b>	<b>86</b>	<b>86</b>	<b>83</b>

**Table 3**  
Historical 8-hour Ozone Levels

	1994*	1995	1996	1997	1998	1999	2000	2001	2002	2003
<b>Monitor</b>	<b>4th Max</b>	<b>4th Max</b>	<b>4th Max</b>	<b>4th Max</b>	<b>4th Max</b>	<b>4th Max</b>	<b>4th Max</b>	<b>4th Max</b>	<b>4th Max</b>	<b>4<sup>th</sup> Max</b>
<b>NREL</b> 20th & Quaker, Golden	83	79	82	75	95	80	83	81	81	95
<b>Rocky Flats North</b> 16600 W. Highway 128	79	80	83	76	92	81	81	82	88	91
<b>Chatfield</b> 11500 N. Roxborough	-	73	79	75	81	76	80	77	83	95
<b>Highlands Reservoir</b> 8100 S. University Blvd.	75	68	73	65	84	75	76	77	76	91
<b>Arvada</b> 9101 W. 57th	72	71	73	70	89	72	76	74	73	83
<b>Carriage</b> 23rd & Julian St.	64	68	68	66	85	68	71	72	73	85
<b>S. Boulder Creek</b> 1405 ½ S. Foothills	72	74	75	72	89	75	72	71	78	82
<b>Welch</b> 12400 W. Hwy. 285	72	70	69	68	80	66	68	64	69	77
<b>Welby</b> 3174 E. 78th Ave.	69	71	74	71	83	71	62	64	68	66

\*4th maximum values for 1994 recently were made available by the Air Pollution Control Division. Data for 1994 has been analyzed previously for the 3<sup>rd</sup> maximum values.