







## Summary of the Highest 8-Hour Ozone Concentrations for 2019 for All Sites in Michigan



The four highest values in ppb are listed. All values at and above 60 ppb are included to illustrate frequency of occurrence. Max. Allowable is the maximum 4th highest value that can occur in 2019 without violation of the standard. Values above Max. Allowable are bold. Sites in violation of the standard are shaded red, sites not in violation of the standard are shaded green.

**Max. allowable values calculated using 70 ppb as the primary NAAQS**  
**Data updated through 3/27/20 - Top 10 2019 concentrations validated**  
**Non-attainment Area (NA)**

Southeast NA				Berrien Co. NA				Southeast NA				7/1/19				7/1/19				Allegan Co NA			
261630001 <b>Allen Park</b> Max Allowable 76 ppb		260270003 <b>Cassopolis</b> Max Allowable 65 ppb		260210014 <b>Coloma</b> Max Allowable 70 ppb		261630019 <b>East Seven Mile</b> Max Allowable 62 ppb		260810022 <b>Evans</b> Max Allowable 79 ppb		260490021 <b>Flint</b> Max Allowable 79 ppb		260190003 <b>Frankfort</b> Max Allowable 78 ppb		260810020 <b>Grand Rapids</b> Max Allowable 77 ppb		260630007 <b>Harbor Beach</b> Max Allowable 78 ppb		260050003 <b>Holland</b> Max Allowable 67 ppb					
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date				
63	6/27/19	<b>67</b>	<b>6/5/19</b>	<b>74</b>	<b>7/2/19</b>	<b>74</b>	<b>7/1/19</b>	65	5/31/19	61	6/27/19	68	6/27/19	67	7/19/19	67	7/10/19	<b>75</b>	<b>7/10/19</b>				
63	7/15/19	65	7/10/19	<b>71</b>	<b>7/10/19</b>	<b>74</b>	<b>7/10/19</b>	64	7/28/19	61	7/9/19	60	6/4/19	67	7/28/19	67	7/26/19	<b>73</b>	<b>7/2/19</b>				
62	7/1/19	64	7/9/19	69	5/31/19	<b>73</b>	<b>6/27/19</b>	63	6/27/19	61	9/19/19	59	4/22/19	66	5/31/19	62	6/12/19	<b>72</b>	<b>7/5/19</b>				
62	7/10/19	64	9/20/19	66	7/9/19	<b>68</b>	<b>7/15/19</b>	60	9/20/19	60	7/10/19	57	5/31/19	65	7/9/19	60	7/18/19	<b>71</b>	<b>7/28/19</b>				
61	6/28/19	63	6/7/19	66	9/20/19	<b>64</b>	<b>6/28/19</b>							62	7/10/19			<b>69</b>	<b>5/31/19</b>				
61	8/3/19	63	7/13/19	65	7/5/19	<b>64</b>	<b>7/27/19</b>							60	7/27/19			<b>68</b>	<b>7/19/18</b>				
		62	5/15/19	65	7/13/19	<b>63</b>	<b>6/19/19</b>											<b>67</b>	<b>7/4/19</b>				
		62	6/26/19	65	8/5/19	<b>63</b>	<b>7/26/19</b>											<b>65</b>	<b>6/27/19</b>				
		62	6/29/19	63	7/28/19	<b>63</b>	<b>8/3/19</b>											<b>65</b>	<b>7/9/19</b>				
		61	6/27/19	62	5/15/19	<b>63</b>	<b>8/12/19</b>											<b>65</b>	<b>9/11/19</b>				
		60	5/31/19	62	6/5/19	<b>61</b>	<b>8/20/19</b>											<b>63</b>	<b>6/29/19</b>				
		60	6/1/19	62	6/28/19	<b>61</b>	<b>9/10/19</b>											<b>62</b>	<b>7/15/19</b>				
				62	7/25/19	<b>61</b>	<b>9/21/19</b>											<b>62</b>	<b>9/20/19</b>				
				61	5/5/19	<b>60</b>	<b>6/12/19</b>											<b>61</b>	<b>7/27/19</b>				
				60	6/7/19	<b>60</b>	<b>6/26/19</b>											<b>61</b>	<b>8/12/19</b>				
						<b>60</b>	<b>6/29/19</b>											<b>61</b>	<b>9/10/19</b>				
						<b>60</b>	<b>7/2/19</b>											<b>60</b>	<b>6/11/19</b>				
						<b>60</b>	<b>7/4/19</b>											<b>60</b>	<b>6/28/19</b>				
						<b>60</b>	<b>9/20/19</b>											<b>60</b>	<b>8/3/19</b>				

Southeast NA				Muskegon Co. NA				Southeast NA				Southeast NA				7/27/19				Southeast NA			
261130001 <b>Houghton Lake</b> Max Allowable 84 ppb		261390005 <b>Jenison</b> Max Allowable 74 ppb		260770008 <b>Kalamazoo</b> Max Allowable 73 ppb		260650012 <b>Lansing</b> Max Allowable 77 ppb		261010922 <b>Manistee (tribal)</b> Max Allowable 82 ppb		261210039 <b>Muskegon</b> Max Allowable 58 ppb		260990009 <b>New Haven</b> Max Allowable 70 ppb		261250001 <b>Oak Park</b> Max Allowable 66 ppb		260492001 <b>Otisville</b> Max Allowable 81 ppb		261470005 <b>Port Huron</b> Max Allowable 69 ppb					
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date				
59	3/9/19	70	5/31/19	65	6/5/19	57	6/27/19	71	6/27/19	<b>80</b>	<b>7/10/19</b>	<b>71</b>	<b>7/10/19</b>	<b>77</b>	<b>6/27/19</b>	62	6/27/19	<b>73</b>	<b>7/27/19</b>				
59	4/25/19	66	7/19/19	64	6/27/19	57	7/10/19	62	5/31/19	<b>69</b>	<b>6/27/19</b>	64	7/26/19	<b>72</b>	<b>7/15/19</b>	62	7/10/19	<b>72</b>	<b>7/10/19</b>				
58	3/12/19	66	7/28/19	66	7/9/19	62	7/28/19	62	6/4/19	<b>68</b>	<b>7/28/19</b>	63	6/19/19	<b>67</b>	<b>6/19/19</b>	60	6/4/19	<b>72</b>	<b>8/12/19</b>				
58	4/22/19	<b>65</b>	<b>6/27/19</b>	61	5/31/19	55	6/4/19	62	7/9/19	<b>68</b>	<b>8/5/19</b>	63	7/1/19	66	7/1/19	60	6/12/19	<b>70</b>	<b>7/1/19</b>				
		65	7/9/19	61	7/2/19			60	7/10/19	<b>67</b>	<b>7/19/19</b>	63	7/5/19	66	7/26/19	60	7/27/19	<b>70</b>	<b>7/26/19</b>				
		62	7/4/19	60	6/28/19					<b>66</b>	<b>8/3/19</b>	63	8/16/19	65	7/10/19			<b>68</b>	<b>6/27/19</b>				
		62	7/10/19	60	7/10/19					<b>65</b>	<b>7/4/19</b>	62	7/27/19	65	9/20/19			<b>66</b>	<b>7/5/19</b>				
		60	6/7/19	60	9/20/19					<b>64</b>	<b>5/31/19</b>	62	8/12/19	64	6/6/19			<b>66</b>	<b>9/21/19</b>				
		60	6/28/19							<b>64</b>	<b>7/27/19</b>	61	8/5/19	64	6/28/19			<b>65</b>	<b>7/18/19</b>				
										<b>64</b>	<b>9/20/19</b>	60	9/21/19	63	7/9/19			<b>64</b>	<b>6/19/19</b>				
										<b>63</b>	<b>7/9/19</b>			62	6/18/19			<b>64</b>	<b>8/16/19</b>				
										<b>63</b>	<b>7/15/19</b>			62	8/20/19			<b>63</b>	<b>6/28/19</b>				
										<b>62</b>	<b>7/26/19</b>			61	6/12/19			<b>60</b>	<b>7/28/19</b>				
										<b>61</b>	<b>4/22/19</b>			60	7/27/19			<b>60</b>	<b>7/29/19</b>				
										<b>60</b>	<b>6/11/19</b>												
										<b>59</b>	<b>6/4/19</b>												
										<b>59</b>	<b>6/14/19</b>												
										<b>57</b>	<b>4/25/19</b>												
										<b>57</b>	<b>6/7/19</b>												
										<b>57</b>	<b>7/2/19</b>												
										<b>56</b>	<b>5/5/19</b>												
										<b>55</b>	<b>3/12/19</b>												
										<b>56</b>	<b>7/5/19</b>												

Southeast NA				Southeast NA				Southeast NA				CASTNET SITE		CASTNET SITE		CASTNET SITE			
260370001 <b>Rose Lake</b> Max Allowable 79 ppb		261050007 <b>Scottville</b> Max Allowable 80 ppb		261530001 <b>Seney</b> Max Allowable 93 ppb		260330901 <b>Sault Ste Marie</b> Max Allowable 107 ppb		260910007 <b>Tecumseh</b> Max Allowable 75 ppb		260991003 <b>Warren</b> Max Allowable 76 ppb		261610008 <b>Ypsilanti</b> Max Allowable 74 ppb		CASTNET SITE <b>Hoxbyville</b> Max Allowable 81 ppb		CASTNET SITE <b>Unionville</b> Max Allowable 84 ppb		CASTNET SITE <b>Ann Arbor</b> Max Allowable 71 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
60	7/1/19	59	6/27/19	67	7/26/19			63	6/27/19	70	7/1/19	64	6/27/19	62	5/31/19	63	6/27/19	66	7/9/19
58	6/27/19	58	6/4/19	61	3/12/19			62	6/19/19	68	6/27/19	62	7/9/19	62	6/27/19	63	7/10/19	60	6/12/19
55	5/15/19	57	4/21/19	60	6/27/19			62	7/9/19	67	7/10/19	62	7/15/19	62	9/20/19	60	6/4/19	59	6/27/19
55	7/10/19	<b>57</b>	<b>4/22/19</b>	59	7/25/19			<b>59</b>	<b>7/10/19</b>	62	7/15/19	<b>60</b>	<b>6/19/19</b>	61	6/4/19	59	6/12/19	<b>58</b>	<b>6/29/19</b>
														60	4/21/19				
														60	4/22/19				
														60	4/25/19				



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The four highest values in ppb are listed. All values at and above 60 ppb are included to illustrate frequency of occurrence.  
 Max. Allowable is the maximum 4th highest value that can occur in 2017 without violation of the standard. Values above **Max. Allowable** are bold.  
 Sites in violation of the standard are shaded **red**, sites not in violation of the standard are shaded **green**.



**Max. allowable values calculated using 70 ppb as the primary NAAQS**

**Data updated through 10/31/17 - Data is not validated**

6/10/17		6/10/17		7/6/17		260810022		260490021		260190003		260810020		260630007		260050003			
261630001 <b>Allen Park</b> Max Allowable 78 ppb	260270003 <b>Cassopolis</b> Max Allowable 67 ppb	260210014 <b>Coloma</b> Max Allowable 62 ppb	261630019 <b>East Seven Mile</b> Max Allowable 68 ppb	260810022 <b>Evans</b> Max Allowable 75 ppb	260490021 <b>Flint</b> Max Allowable 74 ppb	260190003 <b>Frankfort</b> Max Allowable 73 ppb	260810020 <b>Grand Rapids</b> Max Allowable 70 ppb	260630007 <b>Harbor Beach</b> Max Allowable 73 ppb	260050003 <b>Holland</b> Max Allowable 64 ppb										
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date		
68	9/23/17	<b>78</b>	<b>6/9/17</b>	<b>74</b>	<b>6/9/17</b>	<b>84</b>	<b>7/6/17</b>	70	6/9/17	68	7/6/17	74	<b>9/26/17</b>	68	6/9/17	69	9/26/17	<b>75</b>	<b>6/2/17</b>
68	9/26/17	<b>73</b>	<b>7/6/17</b>	<b>73</b>	<b>6/15/17</b>	<b>77</b>	<b>7/19/17</b>	68	6/10/17	66	6/10/17	72	6/10/17	67	6/10/17	68	9/24/17	<b>74</b>	<b>6/12/17</b>
67	6/10/17	<b>72</b>	<b>6/10/17</b>	<b>71</b>	<b>6/4/17</b>	<b>78</b>	<b>7/18/17</b>	67	7/6/17	65	6/3/17	68	7/6/17	65	6/10/17	68	6/10/17	<b>74</b>	<b>6/15/17</b>
<b>67</b>	<b>7/21/17</b>	<b>72</b>	<b>6/15/17</b>	<b>69</b>	<b>6/10/17</b>	<b>77</b>	<b>9/26/17</b>	<b>66</b>	<b>6/12/17</b>	<b>64</b>	<b>5/16/17</b>	<b>66</b>	<b>5/17/17</b>	<b>64</b>	<b>6/4/17</b>	<b>64</b>	<b>7/18/17</b>	<b>71</b>	<b>6/10/17</b>

261130001		261390005		260770008		260650012		261010922		261210039		260990009		261250001		260492001		261470005	
261130001 <b>Houghton Lake</b> Max Allowable 74 ppb	261390005 <b>Jenison</b> Max Allowable 73 ppb	260770008 <b>Kalamazoo</b> Max Allowable 71 ppb	260650012 <b>Lansing</b> Max Allowable 75 ppb	261010922 <b>Manistee (tribal)</b> Max Allowable 75 ppb	261210039 <b>Muskegon</b> Max Allowable 62 ppb	260990009 <b>New Haven</b> Max Allowable 65 ppb	261250001 <b>Oak Park</b> Max Allowable 71 ppb	260492001 <b>Otisville</b> Max Allowable 72 ppb	261470005 <b>Port Huron</b> Max Allowable 64 ppb										
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
71	6/10/17	68	6/10/17	71	6/9/17	69	6/10/17	73	6/10/17	<b>82</b>	<b>6/12/17</b>	<b>73</b>	<b>8/1/17</b>	<b>84</b>	<b>7/6/17</b>	68	7/6/17	<b>74</b>	<b>6/10/17</b>
63	9/26/17	67	6/9/17	69	6/3/17	68	6/4/17	67	9/26/17	<b>75</b>	<b>6/10/17</b>	<b>72</b>	<b>7/6/17</b>	<b>74</b>	<b>9/23/17</b>	66	6/10/17	<b>72</b>	<b>7/6/17</b>
62	5/16/17	66	7/11/17	69	7/6/17	66	6/3/17	66	5/17/17	<b>75</b>	<b>6/11/17</b>	<b>71</b>	<b>6/10/17</b>	<b>70</b>	9/22/17	64	9/26/17	<b>69</b>	<b>9/23/17</b>
<b>62</b>	<b>5/17/17</b>	<b>65</b>	<b>6/4/17</b>	<b>68</b>	<b>6/4/17</b>	<b>66</b>	<b>6/9/17</b>	<b>65</b>	<b>5/16/17</b>	<b>74</b>	<b>9/26/17</b>	<b>66</b>	<b>9/26/17</b>	<b>69</b>	<b>6/10/17</b>	<b>63</b>	<b>5/16/17</b>	<b>67</b>	<b>6/11/17</b>

260370001		261050007		261530001		260330901		260910007		260991003		261610008		CASTNET SITE		CASTNET SITE		CASTNET SITE	
260370001 <b>Rose Lake</b> Max Allowable 75 ppb	261050007 <b>Scottville</b> Max Allowable 72 ppb	261530001 <b>Seney</b> Max Allowable 67 ppb	260330901 <b>Sault Ste Marie</b> Max Allowable 91 ppb	260910007 <b>Tecumseh</b> Max Allowable 78 ppb	260991003 <b>Warren</b> Max Allowable 77 ppb	261610008 <b>Ypsilanti</b> Max Allowable 79 ppb	CASTNET SITE <b>Hoxlyville</b> Max Allowable 77 ppb	CASTNET SITE <b>Unionville</b> Max Allowable 77 ppb	CASTNET SITE <b>Ann Arbor</b> Max Allowable 74 ppb										
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
68	7/6/17	<b>73</b>	<b>6/10/17</b>	<b>71</b>	<b>6/10/17</b>	66	6/10/17	71	6/10/17	74	7/6/17	71	7/21/17	73	6/10/17	66	6/10/17	<b>76</b>	<b>7/5/17</b>
67	6/4/17	67	6/11/17	67	6/11/17	69	5/16/17	73	9/23/17	70	7/6/17	64	5/16/17	66	7/6/17	69	6/10/17	69	6/10/17
66	6/10/17	64	5/16/17	67	6/11/17	69	7/6/17	66	6/10/17	68	6/10/17	64	6/11/17	66	6/14/17	69	7/6/17	<b>72</b>	<b>7/6/17</b>
<b>62</b>	<b>6/15/17</b>	<b>64</b>	<b>5/17/17</b>	<b>69</b>	<b>6/10/17</b>	<b>66</b>	<b>6/9/17</b>	<b>65</b>	<b>6/26/17</b>	<b>67</b>	<b>7/27/17</b>	<b>63</b>	<b>5/11/17</b>	<b>61</b>	<b>6/11/17</b>	<b>69</b>	<b>9/23/17</b>	<b>69</b>	<b>9/23/17</b>









Summary of the Highest 8-Hour Ozone Concentrations for 2013 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 76 ppb are included to illustrate frequency of occurrence. Max. Allowable is the maximum 4th highest value that can occur in 2013 without violation of the standard. Values above Max. Allowable are bold. Sites in violation of the standard are shaded red, sites not in violation of the standard are shaded green.

Max. allowable values calculated using 75 ppb as the primary NAAQS
Data subject to validation - updated through 9/30/13



Table with 10 columns for different sites: 5/14/13, 4/22/13, 6/21/13, 260810022, 260490021, 260190003, 260810020, 260630007, and 4/4/13. Each column contains sub-columns for Value, Date, and Date, with values ranging from 64 to 78 ppb.

Table with 10 columns for different sites: 7/19/13, 9/10/13, 4/30/13, 8/19/13, 8/21/13, 261130001, 261390005, 260770008, 260650012, 261010022, 261210039, 260990009, 261250001, 260492001, and 261470005. Each column contains sub-columns for Value, Date, and Date, with values ranging from 66 to 76 ppb.

Table with 10 columns for different sites: 8/19/13, 260370001, 261050007, 261530001, 260330901, 260910007, 260991003, 261610008, CASTNET SITE, CASTNET SITE, and CASTNET SITE. Each column contains sub-columns for Value, Date, and Date, with values ranging from 64 to 76 ppb.



		6/28/12		260770008		260650012		261010922		5/24/12		6/9/12		6/10/12		260492001		261470005	
261130001		261390005		260770008		260650012		261010922		261210039		260990009		261250001		260492001		261470005	
Houghton Lake		Jenison		Kalamazoo		Lansing		Manistee (tribal)		Muskegon		New Haven		Oak Park		Otisville		Port Huron	
Max Allowable		Max Allowable		Max Allowable		Max Allowable		Max Allowable		Max Allowable		Max Allowable		Max Allowable		Max Allowable		Max Allowable	
95 ppb		76 ppb		85 ppb		92 ppb		87 ppb		72 ppb		73 ppb		74 ppb		88 ppb		76 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
81	5/19/12	90	6/28/12	101	7/23/12	85	8/31/12	86	8/25/12	102	7/16/12	107	6/28/12	102	6/28/12	90	6/28/12	106	6/28/12
79	7/13/12	85	7/3/12	93	6/28/12	83	6/28/12	84	6/9/12	94	6/15/12	90	6/10/12	88	6/10/12	87	8/3/12	82	8/7/12
76	5/20/12	84	6/9/12	84	8/3/12	81	6/9/12	83	7/13/12	93	7/3/12	81	5/19/12	85	8/24/12	85	5/19/12	80	5/28/12
76	6/15/12	84	7/23/12	83	6/9/12	81	8/3/12	82	6/15/12	91	7/5/12	81	7/16/12	81	7/2/12	83	8/31/12	80	6/10/12
74	6/10/12	83	8/3/12	83	7/2/12	80	5/19/12	82	6/27/12	91	7/6/12	80	8/7/12	81	7/5/2012	82	8/24/12	78	8/2/12
74	6/16/12	80	5/19/12	82	5/19/12	79	6/15/12	82	7/16/12	90	6/9/12	79	7/6/12	81	7/23/12	79	5/20/12	78	8/31/12
74	7/16/12	80	8/31/12	79	6/15/12	77	5/20/12	81	5/19/12	87	7/23/12	79	8/31/12	79	8/3/12	78	6/9/12	76	5/19/12
74	8/25/12	78	6/15/12	79	8/24/12	77	7/23/12	81	8/24/12	86	8/25/12	78	5/20/12	78	5/19/12	78	6/10/12	75	7/23/12
73	5/24/12	78	8/25/12	79	8/25/12	75	7/2/12	80	7/12/12	83	6/8/12	78	7/2/12	78	8/2/12	78	7/23/12	74	5/15/12
71	5/18/12	77	8/24/12	76	7/3/12	73	6/10/12	78	8/23/12	83	7/13/12	78	7/23/12	77	5/20/12	77	8/25/12	73	6/20/12
71	6/9/12	76	7/16/12	76	7/6/12	73	7/6/12	77	5/20/12	82	7/17/12	78	8/2/12	77	6/9/12	76	6/15/12	73	7/16/12
71	6/28/12	74	5/15/12	76	8/2/12	73	8/24/12	76	7/25/12	81	5/19/12	78	8/3/12	77	6/15/12	74	6/16/12	73	8/23/12
70	7/12/12	73	6/16/12	75	6/16/12	72	6/16/12	76	8/30/12	81	7/22/12	78	8/23/12	75	8/23/12	74	7/13/12	72	6/19/12
70	8/24/12	73	7/2/12	74	5/20/12	71	7/12/12	75	5/24/12	81	8/24/12	77	5/28/12	75	8/25/12	73	5/24/12	71	5/20/12
69	5/15/12	73	7/12/12	74	6/10/12	71	7/13/12	75	6/16/12	80	5/24/12	77	6/9/12	73	8/31/12	73	6/27/12	71	6/9/12
69	6/27/12	72	5/20/12	73	7/1/12	70	8/25/12	75	7/23/12	79	6/28/12	76	8/24/12	72	5/15/12	73	7/14/12	69	7/22/12
67	6/8/12	72	6/10/12	73	7/16/12	69	8/2/12	74	8/4/12	78	5/20/12	76	8/25/12	72	8/7/12	73	8/26/12	68	5/24/12
66	7/25/12	72	6/27/12	72	7/22/12	69	8/23/12	73	5/18/12	78	6/10/12	73	5/15/12	71	7/22/12	71	5/15/12	67	6/16/12
64	5/14/12	71	7/6/12	71	5/15/12	68	5/14/12	73	6/28/12	78	8/23/12	73	5/24/12	70	5/28/12	70	6/19/12	67	6/27/12
64	8/23/12	71	7/22/12	71	8/7/12	68	6/27/12	72	6/19/12	77	7/21/12	73	6/15/12	70	6/30/12	69	5/18/12	67	8/3/12
63	9/12/12	70	7/17/12	71	8/23/12	68	8/26/12	72	7/14/12	76	7/12/12	73	7/15/12	70	7/16/12	67	8/23/12	67	8/22/12
62	6/14/12	70	8/23/12	70	7/13/12	67	6/14/12	72	9/12/12	75	7/4/12	71	6/27/12	69	5/25/12	66	5/23/12	67	8/25/12
62	6/19/12	69	6/19/12	69	5/24/12	66	6/30/12	71	7/5/12	74	5/28/12	71	6/30/12	69	6/27/12	66	5/28/12	66	6/15/12
62	8/31/12	68	5/24/12	69	6/27/12	66	7/1/12	70	6/10/12	74	6/27/12	70	6/16/12	68	7/30/12	66	7/30/12	66	6/30/12
61	5/28/12	68	6/8/12	68	5/23/12	66	7/16/12	69	6/18/12	74	8/4/12	70	6/20/12	68	8/22/12	65	6/8/12	66	8/24/12
61	7/23/12	68	7/14/12	68	5/27/12	66	7/17/12	69	6/20/12	73	5/18/12	70	7/13/12	67	6/16/12	65	7/12/12	65	5/25/12
61	7/30/12	66	5/18/12	68	6/30/12	65	5/24/12	68	6/8/12	73	6/19/12	70	7/22/12	67	7/15/12	64	8/4/12	65	8/30/12
60	8/26/12	66	7/1/12	67	5/18/12	65	6/8/12	68	7/3/12	72	7/14/12	69	8/26/12	67	7/15/12	63	6/20/12	64	7/4/12
		66	7/21/12	67	6/24/12	65	7/14/12	67	5/11/12	72	8/30/12	68	5/25/12	67	8/26/12	63	7/16/12	64	7/13/12
		66	8/2/12	67	7/12/12	65	7/22/12	66	5/14/12	72	9/12/12	68	6/19/12	66	6/8/12	63	7/25/12	64	9/12/12
		65	5/23/12	67	7/17/12	65	7/30/12	66	7/4/12	71	6/16/12	67	6/8/12	66	6/19/12	63	8/2/12	63	6/8/12
		65	5/27/12	65	6/8/12	65	8/7/12	65	9/11/12	71	8/3/12	67	7/21/12	66	6/24/12	63	8/7/12	62	7/2/12
		65	7/4/12	65	7/18/12	64	6/19/12	64	5/28/12	71	8/7/12	67	9/12/12	66	7/1/12	62	6/30/12	62	7/5/12
		65	7/11/12	65	7/21/12	64	6/24/12	64	7/22/12	70	5/15/12	66	6/24/12	66	7/13/12	61	5/25/12	62	7/17/12
		65	7/18/12	65	7/30/12	63	7/21/12	62	5/15/12	70	7/25/12	66	7/17/12	65	5/14/12	61	6/18/12	62	8/26/12
		65	7/30/12	65	8/31/12	62	5/14/12	61	6/11/12	68	7/30/12	66	8/30/12	65	5/24/12	61	6/24/12	62	9/13/12
		65	8/4/12	65	9/12/12	62	5/23/12	61	7/30/12	68	8/31/12	65	8/22/12	65	6/20/12	61	7/21/12	62	9/16/12
		63	5/28/12	63	6/19/12	62	7/15/12	60	5/23/12	67	5/11/12	64	5/14/12	65	7/17/12	60	5/14/12	60	5/21/12
		63	6/30/12	63	8/4/12	62	7/15/12	60	5/27/12	67	6/20/12	64	5/18/12	65	9/12/12	60	6/14/12		
		63	7/25/12	62	6/14/12	62	8/4/12	60	6/14/12	67	7/2/12	63	7/4/12	64	7/6/12	60	7/22/12		
		63	8/7/12	62	7/14/12	61	7/25/12	60	7/21/12	65	6/14/12	63	7/5/12	64	7/12/12	60	9/12/12		
		63	9/12/12	61	7/4/12	60	5/18/12	60		65	6/18/12	63	7/15/12	62	5/23/12				
		62	5/14/12	61	7/7/12	60	5/25/12	60		65	6/30/12	62	5/21/12	62	6/29/12				
		62	6/24/12	61	9/6/12	60	7/3/12	60		63	5/2/12	62	5/23/12	61	5/27/12				
		62	7/13/12	60	5/14/12	60	7/7/12	60		62	5/14/12	61	7/3/12	61	7/25/12				
		61	6/14/12	60	5/28/12	60	9/12/12	60		62	9/11/12	61	7/12/12	61	8/30/12				
		60	6/3/12	60	5/29/12	60		60		61	6/3/12	60	6/21/12	60	7/4/12				
		60	7/5/12	60	6/3/12	60	6/18/12	60		61	6/11/12	60	7/1/12	60					







## Summary of the Highest 8-Hour Ozone Concentrations for 2009 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 76 ppb are included to illustrate frequency of occurrence.

*Max. Allowable* is the maximum 4th highest value that can occur in 2009 without violation of the standard. Values above *Max. Allowable* are **bold**.

Sites in violation of the standard are shaded **red**, sites not in violation of the standard are shaded **green**.

**Max. allowable values calculated using 75 ppb as the primary NAAQS**

**Dates shown above a site are the date the violation occurred**



		6/23/2009		5/20/2009												5/3/2009			
261630001 <b>Allen Park</b> Max Allowable 81 ppb		260270003 <b>Cassopolis</b> Max Allowable 73 ppb		260210014 <b>Coloma</b> Max Allowable 68 ppb		261630019 <b>East Seven Mile</b> Max Allowable 59 ppb		260810022 <b>Evans</b> Max Allowable 73 ppb		260490021 <b>Flint</b> Max Allowable 77 ppb		260190003 <b>Frankfort</b> Max Allowable 79 ppb		260810020 <b>Grand Rapids</b> Max Allowable 77 ppb		260630007 <b>Harbor Beach</b> Max Allowable 77 ppb		260050003 <b>Holland</b> Max Allowable 60 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
73	6/23/09	<b>79</b>	<b>6/25/09</b>	<b>81</b>	<b>5/21/09</b>	<b>86</b>	<b>6/24/09</b>	<b>79</b>	<b>5/21/09</b>	72	5/21/09	<b>82</b>	<b>5/20/09</b>	<b>82</b>	<b>5/21/09</b>	76	8/14/09	<b>92</b>	<b>5/21/09</b>
66	8/14/09	<b>75</b>	<b>6/24/09</b>	<b>73</b>	<b>6/24/09</b>	<b>74</b>	<b>4/18/09</b>	<b>74</b>	<b>5/20/09</b>	68	5/20/09	75	6/23/09	74	6/24/09	72	5/21/09	<b>83</b>	<b>6/24/09</b>
65	5/20/09	73	5/21/09	<b>71</b>	<b>6/23/09</b>	<b>74</b>	<b>6/25/09</b>	73	6/24/09	67	4/18/09	72	4/17/08	71	5/20/09	71	5/20/09	<b>79</b>	<b>5/20/09</b>
63	4/18/09	72	5/20/09	<b>70</b>	<b>5/20/09</b>	<b>73</b>	<b>5/21/09</b>	71	6/23/09	66	6/24/09	69	5/21/09	66	4/18/09	66	4/18/09	<b>76</b>	<b>6/5/09</b>

										6/5/2009		5/23/2009		6/24/2009					
261130001 <b>Houghton Lake</b> Max Allowable 85 ppb		261390005 <b>Jenison</b> Max Allowable 72 ppb		260770008 <b>Kalamazoo</b> Max Allowable 76 ppb		260650012 <b>Lansing</b> Max Allowable 77 ppb		261630016 <b>Linwood</b> Max Allowable n/a		261010922 <b>Manistee (tribal)</b> Max Allowable 79 ppb		261210039 <b>Muskegon</b> Max Allowable 69 ppb		260990009 <b>New Haven</b> Max Allowable 61 ppb		261250001 <b>Oak Park</b> Max Allowable 67 ppb		260492001 <b>Otisville</b> Max Allowable 74 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
69	5/21/09	<b>82</b>	<b>5/21/09</b>	<b>78</b>	<b>6/25/09</b>	72	5/21/09	Monitor discontinued due to lack of funding	<b>81</b>	<b>5/20/09</b>	<b>88</b>	<b>5/21/09</b>	<b>95</b>	<b>6/24/09</b>	<b>77</b>	<b>8/14/09</b>	73	5/21/09	
68	5/20/09	<b>76</b>	<b>6/24/09</b>	75	5/21/05	70	5/20/09		70	5/21/09	<b>79</b>	<b>5/20/09</b>	<b>77</b>	<b>5/21/09</b>	<b>74</b>	<b>5/21/09</b>	71	4/18/09	
65	4/18/09	70	5/20/09	74	6/24/09	69	4/18/09		69	4/17/08	<b>75</b>	<b>6/24/09</b>	<b>74</b>	<b>8/15/09</b>	<b>74</b>	<b>4/18/09</b>	70	8/14/09	
65	4/24/09	70	6/23/09	71	5/20/09	69	6/24/09		68	4/18/09	<b>74</b>	<b>6/23/09</b>	<b>73</b>	<b>4/18/09</b>	<b>73</b>	<b>6/24/09</b>	69	5/20/09	

										6/24/2009							
260890001 <b>Pashawbestown</b> Max Allowable 86 ppb		261470005 <b>Port Huron</b> Max Allowable 71 ppb		260370001 <b>Rose Lake</b> Max Allowable 78 ppb		261050007 <b>Scottville</b> Max Allowable 76 ppb		261530001 <b>Seney</b> Max Allowable 78 ppb		261630015 <b>SW HS</b> Max Allowable n/a		260910007 <b>Tecumseh</b> Max Allowable 74 ppb		260991003 <b>Warren</b> Max Allowable 64 ppb		261610008 <b>Ypsilanti</b> Max Allowable 81 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
No Valid Data		<b>75</b>	<b>5/20/09</b>	70	5/21/09	<b>80</b>	<b>5/20/09</b>	<b>82</b>	<b>5/20/09</b>	Monitor discontinued due to lack of funding	<b>77</b>	<b>6/25/09</b>	<b>83</b>	<b>6/24/09</b>	68	5/21/09	
		<b>74</b>	<b>5/21/09</b>	70	5/20/09	74	5/21/09	69	8/15/09		70	6/15/09	<b>75</b>	<b>5/21/09</b>	68	4/18/09	
		<b>72</b>	<b>4/18/09</b>	67	4/18/09	68	4/18/09	64	4/24/09		69	5/20/09	<b>73</b>	<b>4/18/09</b>	67	6/25/09	
		<b>71</b>	<b>8/15/09</b>	64	5/19/09	68	5/19/09	63	8/16/09		67	8/14/09	<b>73</b>	<b>8/15/09</b>	65	7/10/09	





## Summary of the Highest 8-Hour Ozone Concentrations for 2007 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence.  
*Max. Allowable* is the maximum 4th highest value that can occur in 2007 without violation of the standard. Values above *Max. Allowable* are **bold**.  
 Sites in violation of the standard are shaded **red**, sites not in violation of the standard are shaded **green**.



261630001 <b>Allen Park</b> Max Allowable 109 ppb		260270003 <b>Cassopolis</b> Max Allowable 95 ppb		260210014 <b>Coloma</b> Max Allowable 88 ppb		261630019 <b>East Seven Mile</b> Max Allowable 96 ppb		260810022 <b>Evans</b> Max Allowable 90 ppb		260490021 <b>Flint</b> Max Allowable 103 ppb		260190003 <b>Frankfort</b> Max Allowable 88 ppb		260810020 <b>Grand Rapids</b> Max Allowable 89 ppb		260630007 <b>Harbor Beach</b> Max Allowable 104 ppb		260050003 <b>Holland</b> Max Allowable 69 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
82	5/23/07	86	5/23/07	<b>106</b>	<b>6/16/07</b>	<b>97</b>	<b>8/1/07</b>	<b>91</b>	<b>5/23/07</b>	88	5/23/07	88	9/21/07	87	5/23/07	96	5/23/07	<b>109</b>	<b>6/16/07</b>
82	6/18/07	86	6/16/07	<b>91</b>	<b>5/22/07</b>	95	5/23/07	90	6/18/07	86	8/2/07	84	6/11/07	86	8/2/07	89	6/18/07	<b>108</b>	<b>7/9/07</b>
82	8/2/07	86	6/18/07	<b>91</b>	<b>5/23/07</b>	94	7/31/07	90	5/22/07	83	5/22/07	82	8/28/07	86	7/9/07	88	6/26/07	<b>98</b>	<b>8/2/07</b>
79	8/1/07	83	5/22/07	86	8/2/07	92	6/18/07	85	9/21/07	82	6/18/07	82	8/2/07	84	5/22/07	84	5/30/07	<b>94</b>	<b>5/23/07</b>
						92	8/2/07											<b>87</b>	<b>8/7/07</b>
						88	5/30/07											<b>87</b>	<b>6/18/07</b>
						88	9/5/07											<b>85</b>	<b>5/22/07</b>
						86	5/31/07												
						85	5/24/07												

261130001 <b>Houghton Lake</b> Max Allowable 107 ppb		261390005 <b>Jenison</b> Max Allowable 85 ppb		260770008 <b>Kalamazoo</b> Max Allowable 105 ppb		260650012 <b>Lansing</b> Max Allowable 101 ppb		261630016 <b>Linwood</b> Max Allowable 106 ppb		261010922 <b>Manistee (tribal)</b> Max Allowable new site		261210039 <b>Muskegon</b> Max Allowable 74 ppb		260990009 <b>New Haven</b> Max Allowable 88 ppb		261250001 <b>Oak Park</b> Max Allowable 104 ppb		260492001 <b>Otisville</b> Max Allowable 99 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
83	5/22/07	<b>93</b>	<b>7/9/07</b>	84	6/16/07	84	5/23/07			90	9/21/07	<b>93</b>	<b>8/2/07</b>	<b>100</b>	<b>8/2/07</b>	89	5/23/07	90	8/2/07
81	6/18/07	<b>91</b>	<b>5/23/07</b>	82	5/22/07	82	5/22/07			89	8/28/07	<b>90</b>	<b>5/23/07</b>	<b>99</b>	<b>7/31/07</b>	88	6/25/07	90	5/23/07
80	5/23/07	<b>89</b>	<b>8/2/07</b>	81	5/23/07	81	6/18/07			84	5/22/07	<b>89</b>	<b>6/16/07</b>	<b>93</b>	<b>5/23/07</b>	87	8/1/07	85	5/30/07
76	5/14/07	<b>88</b>	<b>5/22/07</b>	81	6/18/07	80	8/2/07			83	8/2/07	<b>86</b>	<b>6/18/07</b>	<b>93</b>	<b>5/31/07</b>	86	8/2/07	84	6/18/07
		<b>88</b>	<b>6/16/07</b>											<b>92</b>	<b>6/18/07</b>				
		85	6/18/07																

260890001 <b>Pashawbestown</b> Max Allowable 101 ppb		261470005 <b>Port Huron</b> Max Allowable 88 ppb		260370001 <b>Rose Lake</b> Max Allowable 105 ppb		261050007 <b>Scottville</b> Max Allowable 93 ppb		261530001 <b>Seney</b> Max Allowable 93 ppb		261630015 <b>SW HS</b> Max Allowable new site		260910007 <b>Tecumseh</b> Max Allowable 98 ppb		260991003 <b>Warren</b> Max Allowable 87 ppb		261610008 <b>Ypsilanti</b> Max Allowable 95 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
82	9/21/07	<b>96</b>	<b>5/23/07</b>	85	5/23/07	<b>96</b>	<b>8/28/07</b>	92	5/24/07			89	5/23/07	<b>100</b>	<b>7/31/07</b>	88	5/23/07
81	6/11/07	<b>93</b>	<b>6/18/07</b>	83	5/22/07	89	9/21/07	86	5/23/07			88	6/18/07	<b>95</b>	<b>8/1/07</b>	79	6/18/07
79	6/18/07	<b>92</b>	<b>8/2/07</b>	82	6/18/07	85	8/2/07	85	4/22/07			81	5/22/07	<b>95</b>	<b>5/23/07</b>	78	6/1/07
79	5/22/07	<b>89</b>	<b>5/31/07</b>	81	8/2/07	83	5/22/07	85	9/5/07			81	5/30/07	<b>91</b>	<b>6/18/07</b>	77	5/30/07
														<b>89</b>	<b>8/2/07</b>		
														<b>88</b>	<b>5/30/07</b>		
														87	9/5/07		

## Summary of the Highest 8-Hour Ozone Concentrations for 2006 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence.  
*Max. Allowable* is the maximum 4th highest value that can occur in 2006 without violation of the standard. Values above *Max. Allowable* are **bold**.  
 Sites in violation of the standard are shaded **red**, sites not in violation of the standard are shaded **green**.



261630001 <b>Allen Park</b> Max Allowable 112 ppb		260270003 <b>Cassopolis</b> Max Allowable 91 ppb		260210014 <b>Coloma</b> Max Allowable 91 ppb		261630019 <b>East Seven Mile</b> Max Allowable 108 ppb		260810022 <b>Evans</b> Max Allowable 99 ppb		260490021 <b>Flint</b> Max Allowable 100 ppb		260190003 <b>Frankfort</b> Max Allowable 93 ppb		260810020 <b>Grand Rapids</b> Max Allowable 103 ppb		260630007 <b>Harbor Beach</b> Max Allowable 109 ppb		260050003 <b>Holland</b> Max Allowable 81 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
83	6/17/06	80	6/16/06	86	7/1/06	84	6/16/06	93	8/1/06	79	6/17/06	<b>104</b>	<b>6/16/06</b>	<b>104</b>	<b>8/1/06</b>	91	6/17/06	<b>99</b>	<b>8/1/06</b>
76	6/16/06	78	6/17/06	85	7/9/06	83	6/17/06	89	7/1/06	79	7/13/06	89	7/31/06	90	7/1/06	82	6/16/06	<b>91</b>	<b>7/31/06</b>
69	5/30/06	76	7/1/06	81	6/16/06	83	7/16/06	83	6/16/06	77	6/16/06	81	7/25/06	83	7/9/06	74	6/6/06	<b>91</b>	<b>7/1/06</b>
68	8/6/06	73	6/15/06	76	8/1/06	78	6/6/06	81	8/2/06	72	5/24/06	80	6/17/06	82	8/2/06	73	6/7/06	<b>91</b>	<b>7/9/06</b>

261130001 <b>Houghton Lake</b> Max Allowable 109 ppb		261390005 <b>Jenison</b> Max Allowable 99 ppb		260770008 <b>Kalamazoo</b> Max Allowable 105 ppb		260650012 <b>Lansing</b> Max Allowable 104 ppb		261630016 <b>Linwood</b> Max Allowable 109 ppb		261010922 <b>Manistee (tribal)</b> Max Allowable new site		261210039 <b>Muskegon</b> Max Allowable 94 ppb		260990009 <b>New Haven</b> Max Allowable 85 ppb		261250001 <b>Oak Park</b> Max Allowable 101 ppb		260492001 <b>Otisville</b> Max Allowable 97 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
85	6/16/06	<b>105</b>	<b>8/1/06</b>	76	7/1/06	74	5/24/06	81	6/17/06	105	6/16/06	<b>102</b>	<b>8/1/06</b>	<b>89</b>	<b>6/17/06</b>	81	6/17/06	83	6/16/06
84	6/17/06	92	7/1/06	75	6/16/06	72	7/9/06	74	8/6/06	98	7/31/06	<b>99</b>	<b>7/31/06</b>	82	7/16/06	77	6/16/06	81	6/17/06
81	7/1/06	88	7/9/06	73	6/17/06	71	7/1/06	70	6/16/06	84	8/1/06	90	6/16/06	79	6/16/06	72	6/6/06	75	6/6/06
73	5/24/06	83	6/16/06	68	7/9/06	71	6/6/06	69	7/1/06	83	6/17/06	90	7/1/06	78	6/6/06	72	5/30/06	75	5/24/06

260890001 <b>Pashawbestown</b> Max Allowable 104 ppb		261470005 <b>Port Huron</b> Max Allowable 92 ppb		260370001 <b>Rose Lake</b> Max Allowable 106 ppb		261050007 <b>Scottville</b> Max Allowable 98 ppb		261530001 <b>Seney</b> Max Allowable 95 ppb		261630015 <b>SW HS</b> Max Allowable new site		260910007 <b>Tecumseh</b> Max Allowable 98 ppb		260991003 <b>Warren</b> Max Allowable 94 ppb		261610008 <b>Ypsilanti</b> Max Allowable 100 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
97	6/16/06	90	6/17/06	78	6/16/06	<b>104</b>	<b>7/31/06</b>	<b>99</b>	<b>6/17/06</b>	74	6/17/06	82	6/16/06	91	6/17/06	78	6/17/06
82	7/31/06	82	6/6/06	76	5/24/06	<b>99</b>	<b>8/1/06</b>	<b>97</b>	<b>6/16/06</b>	72	8/6/06	80	6/17/06	82	6/16/06	77	5/3/06
77	6/17/06	81	7/1/06	75	6/17/06	82	7/25/06	81	5/24/06	69	7/16/06	79	8/17/06	79	7/16/06	77	6/16/06
73	7/1/06	78	7/16/06	71	7/1/06	76	7/1/06	76	7/19/06	67	6/16/06	74	5/24/06	78	6/6/06	76	4/21/06

## Summary of the Highest 8-Hour Ozone Concentrations for 2005 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence.  
*Max. Allowable* is the maximum 4th highest value that can occur in 2005 without violation of the standard. Values above *Max. Allowable* are **bold**.  
 Sites in violation of the standard are shaded **red**, sites not in violation of the standard are shaded **green**.



261630001 <b>Allen Park</b> Max Allowable 104 ppb		260270003 <b>Cassopolis</b> Max Allowable 88 ppb		260210014 <b>Coloma</b> Max Allowable 92 ppb		261630019 <b>East Seven Mile</b> Max Allowable 90 ppb		260810022 <b>Evans</b> Max Allowable 89 ppb		260490021 <b>Flint</b> Max Allowable 92 ppb		260190003 <b>Frankfort</b> Max Allowable 90 ppb		260810020 <b>Grand Rapids</b> Max Allowable 101 ppb		260630007 <b>Harbor Beach</b> Max Allowable 100 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
92	6/27/05	<b>91</b>	6/27/05	<b>96</b>	6/24/05	88	7/21/05	<b>94</b>	6/24/05	85	8/26/05	<b>96</b>	6/23/05	91	6/24/05	86	8/8/05
78	7/10/05	88	7/10/05	<b>93</b>	6/27/05	83	7/4/05	85	6/28/05	81	5/9/05	<b>94</b>	6/24/05	88	6/28/05	84	6/27/05
78	8/26/05	87	7/11/05	92	9/12/05	80	7/11/05	84	6/9/05	80	4/18/05	88	7/10/05	86	6/27/05	77	5/9/05
<b>77</b>	<b>6/24/05</b>	<b>86</b>	<b>6/30/05</b>	<b>90</b>	<b>6/30/05</b>	<b>80</b>	<b>8/8/05</b>	<b>83</b>	<b>8/7/05</b>	<b>79</b>	<b>5/8/05</b>	<b>86</b>	<b>6/27/05</b>	<b>83</b>	<b>8/2/05</b>	<b>77</b>	<b>6/10/05</b>
		85	6/29/05	87	7/24/05							86	7/11/05				

260050003 <b>Holland</b> Max Allowable 80 ppb		261130001 <b>Houghton Lake</b> Max Allowable 101 ppb		261390005 <b>Jenison</b> Max Allowable 95 ppb		260770008 <b>Kalamazoo</b> Max Allowable 101 ppb		260650012 <b>Lansing</b> Max Allowable 101 ppb		261630016 <b>Linwood</b> Max Allowable 104 ppb		261210039 <b>Muskegon</b> Max Allowable 90 ppb		260990009 <b>New Haven</b> Max Allowable 71 ppb		261250001 <b>Oak Park</b> Max Allowable 89 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>113</b>	6/24/05	86	6/24/05	<b>98</b>	6/24/05	91	6/29/05	95	7/11/05	85	7/10/05	<b>113</b>	6/24/05	<b>100</b>	6/24/05	83	8/8/05
<b>107</b>	6/28/05	77	5/8/05	<b>98</b>	6/28/05	88	7/11/05	85	6/27/05	83	6/27/05	<b>92</b>	7/11/05	<b>90</b>	7/11/05	82	7/11/05
<b>95</b>	9/12/05	76	4/19/05	91	6/27/05	86	4/18/05	85	7/12/05	81	6/24/05	<b>91</b>	6/27/05	<b>90</b>	7/20/05	79	6/24/05
<b>94</b>	<b>6/27/05</b>	<b>74</b>	<b>4/18/05</b>	<b>86</b>	<b>7/10/05</b>	<b>86</b>	<b>6/27/05</b>	<b>82</b>	<b>6/29/05</b>	<b>79</b>	<b>7/11/05</b>	<b>90</b>	<b>6/30/05</b>	<b>88</b>	<b>6/27/05</b>	<b>78</b>	<b>6/27/05</b>
<b>94</b>	6/30/05			85	8/2/05							89	6/23/05	<b>86</b>	7/4/05		
<b>94</b>	7/10/05											89	7/10/05	<b>85</b>	6/10/05		
<b>94</b>	8/9/05											89	8/9/05				
<b>88</b>	8/2/05											89	9/11/05				
<b>88</b>	8/7/05											88	9/12/05				
<b>86</b>	9/11/05											87	6/28/05				
<b>85</b>	7/31/05																

260492001 <b>Otisville</b> Max Allowable 86 ppb		260890001 <b>Pashawbestown</b> Max Allowable 105 ppb		261470005 <b>Port Huron</b> Max Allowable 94 ppb		260370001 <b>Rose Lake</b> Max Allowable 98 ppb		261050007 <b>Scottville</b> Max Allowable 96 ppb		261530001 <b>Seney</b> Max Allowable 104 ppb		260910007 <b>Tecumseh</b> Max Allowable 92 ppb		260991003 <b>Warren</b> Max Allowable 82 ppb		261610008 <b>Ypsilanti</b> Max Allowable 92 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
82	5/9/05	94	6/24/05	<b>107</b>	6/24/05	83	6/29/05	<b>100</b>	6/23/05	97	6/23/05	<b>97</b>	6/27/05	<b>103</b>	6/27/05	<b>96</b>	9/1/05
81	4/18/05	90	6/23/05	90	6/10/05	80	6/27/05	95	6/24/05	95	8/3/05	89	6/26/05	<b>102</b>	6/24/05	91	6/27/05
81	5/8/05	81	9/13/05	89	8/3/05	79	7/12/05	85	6/27/05	91	9/12/05	83	7/11/05	<b>99</b>	7/4/05	84	6/26/05
<b>80</b>	<b>8/8/05</b>	<b>80</b>	<b>9/11/05</b>	<b>88</b>	<b>6/8/05</b>	<b>78</b>	<b>7/11/05</b>	<b>85</b>	<b>7/10/05</b>	<b>84</b>	<b>6/27/05</b>	<b>82</b>	<b>7/12/05</b>	<b>89</b>	<b>6/25/05</b>	<b>83</b>	<b>7/11/05</b>
				88	7/4/05									<b>88</b>	7/11/05		
														<b>87</b>	7/10/05		
														<b>86</b>	6/21/05		



## Summary of the Highest 8-Hour Ozone Concentrations for 2003 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence.  
*Max. Allowable* is the maximum 4th highest value that can occur in 2003 without violation of the standard. Values above *Max. Allowable* are **bold**.  
 Sites in violation of the standard are shaded **red**, sites not in violation of the standard are shaded **green**.



261630001 <b>Allen Park</b> Max Allowable 86 ppb		260270003 <b>Cassopolis</b> Max Allowable 63 ppb		260210014 <b>Coloma</b> Max Allowable 68 ppb		261630019 <b>East Seven Mile</b> Max Allowable 79 ppb		260810022 <b>Evans</b> Max Allowable 81 ppb		260490021 <b>Flint</b> Max Allowable 75 ppb		260190003 <b>Frankfort</b> Max Allowable 77 ppb		260810020 <b>Grand Rapids</b> Max Allowable 84 ppb		260630007 <b>Harbor Beach</b> Max Allowable 79 ppb		
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	
<b>92</b>	6/25/03	Site operated by the State of Indiana (will update when data becomes available).		<b>103</b>	6/25/03	<b>104</b>	6/23/03	<b>107</b>	8/21/03	<b>96</b>	6/25/03	<b>98</b>	6/25/03	<b>97</b>	8/21/03	<b>92</b>	8/20/03	
<b>90</b>	6/24/03		<b>94</b>	6/23/03	<b>103</b>	6/24/03	<b>103</b>	6/25/03	<b>91</b>	6/24/03	<b>98</b>	6/24/03	<b>98</b>	6/24/03	<b>94</b>	6/25/03	<b>91</b>	6/25/03
<b>88</b>	7/2/03		<b>90</b>	6/24/03	<b>103</b>	6/25/03	<b>94</b>	6/23/03	<b>94</b>	6/23/03	<b>89</b>	6/23/03	<b>93</b>	7/2/03	<b>87</b>	6/23/03	<b>88</b>	8/21/03
<b>85</b>	6/23/03		<b>89</b>	7/4/03	<b>98</b>	7/2/03	<b>93</b>	6/24/03	<b>87</b>	7/3/03	<b>89</b>	6/23/03	<b>85</b>	6/23/03	<b>85</b>	6/24/03	<b>87</b>	6/24/03
			<b>88</b>	6/22/03	<b>90</b>	7/3/03	<b>86</b>	7/3/03	<b>85</b>	7/30/03	<b>88</b>	7/3/03					<b>86</b>	7/31/03
				<b>86</b>	6/18/03	<b>85</b>	7/31/03			<b>88</b>	6/22/03	<b>85</b>	4/14/03					

260050003 <b>Holland</b> Max Allowable 57 ppb		261130001 <b>Houghton Lake</b> Max Allowable 93 ppb		261390005 <b>Jenison</b> Max Allowable 75 ppb		260770008 <b>Kalamazoo</b> Max Allowable 79 ppb		260650012 <b>Lansing</b> Max Allowable 83 ppb		261630016 <b>Linwood</b> Max Allowable 75 ppb		261210039 <b>Muskegon</b> Max Allowable 63 ppb		260990009 <b>New Haven</b> Max Allowable 71 ppb		261250001 <b>Oak Park</b> Max Allowable 71 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>106</b>	6/25/03	<b>95</b>	6/25/03	<b>102</b>	8/21/03	<b>92</b>	6/25/03	<b>94</b>	6/25/03	<b>99</b>	7/2/03	<b>109</b>	6/25/03	<b>119</b>	6/25/03	<b>106</b>	6/25/03
<b>103</b>	6/24/03	86	4/14/03	<b>100</b>	6/25/03	<b>88</b>	6/24/03	<b>91</b>	6/23/03	<b>95</b>	6/23/03	<b>106</b>	6/24/03	<b>115</b>	7/3/03	<b>100</b>	6/24/03
<b>97</b>	8/21/03	83	6/22/03	<b>93</b>	6/23/03	<b>88</b>	6/18/03	<b>89</b>	6/24/03	<b>88</b>	6/24/03	<b>97</b>	6/23/03	<b>110</b>	6/24/03	<b>93</b>	6/23/03
<b>96</b>	6/23/03	83	6/24/03	<b>91</b>	6/24/03	<b>86</b>	8/26/03	<b>86</b>	6/18/03	<b>85</b>	7/3/03	<b>94</b>	7/3/03	<b>102</b>	6/23/03	<b>90</b>	7/31/03
<b>94</b>	8/1/03			<b>87</b>	7/3/03							<b>87</b>	8/1/03	<b>86</b>	7/2/03	<b>90</b>	8/20/2003
<b>93</b>	7/3/03			<b>86</b>	8/26/03											<b>88</b>	7/2/03
<b>90</b>	8/26/03																

260492001 <b>Otisville</b> Max Allowable 74 ppb		260890001 <b>Pashawbestown</b> Max Allowable new site		261470005 <b>Port Huron</b> Max Allowable 70 ppb		260370001 <b>Rose Lake</b> Max Allowable 82 ppb		261050007 <b>Scottville</b> Max Allowable 72 ppb		261530001 <b>Seney</b> Max Allowable new site		260910007 <b>Tecumseh</b> Max Allowable 79 ppb		260991003 <b>Warren</b> Max Allowable 68 ppb		261610008 <b>Ypsilanti</b> Max Allowable 71 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>103</b>	6/25/03	81	6/25/03	<b>123</b>	6/25/03	<b>96</b>	6/25/03	<b>100</b>	6/25/03	118	6/25/03	<b>112</b>	6/25/03	<b>116</b>	6/25/03	<b>107</b>	6/25/03
<b>94</b>	6/23/03	80	6/22/03	<b>100</b>	7/3/03	<b>90</b>	6/23/03	<b>99</b>	6/24/03	92	6/24/03	<b>100</b>	6/24/03	<b>106</b>	7/2/03	<b>95</b>	6/23/03
<b>94</b>	6/24/03	79	4/27/03	<b>98</b>	6/24/03	<b>89</b>	6/24/03	<b>93</b>	7/2/03	80	8/20/03	<b>90</b>	6/23/03	<b>105</b>	6/24/03	<b>94</b>	6/24/03
<b>91</b>	7/3/03	79	6/23/03	<b>87</b>	8/20/03	<b>87</b>	6/18/03	<b>88</b>	6/23/03	<b>76</b>	7/25/03	<b>89</b>	7/3/03	<b>101</b>	6/23/03	<b>92</b>	7/2/03
<b>91</b>	3/24/03			<b>86</b>	7/2/03							<b>87</b>	6/22/03	<b>91</b>	7/3/03	<b>88</b>	7/3/03
<b>87</b>	6/18/03													<b>86</b>	8/20/03		







## Summary of the Highest 8-Hour Ozone Concentrations for 2001 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence.  
*Max. Allowable* is the maximum 4th highest value that can occur in 2001 without violation of the standard. Values above *Max. Allowable* are **bold**.  
 Sites in violation of the standard are shaded **red**, sites not in violation of the standard are shaded **green**.



261630001 <b>Allen Park</b> Max Allowable 100 ppb		260270003 <b>Cassopolis</b> Max Allowable 80 ppb		260210014 <b>Coloma</b> Max Allowable 81 ppb		261630019 <b>East Seven Mile</b> Max Allowable 82 ppb		260810022 <b>Evans</b> Max Allowable 87 ppb		260490021 <b>Flint</b> Max Allowable 93 ppb		260190003 <b>Frankfort</b> Max Allowable 76 ppb		260810020 <b>Grand Rapids</b> Max Allowable 101 ppb		260630007 <b>Harbor Beach</b> Max Allowable 92 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
94	6/14/01	<b>91</b>	8/8/01	<b>102</b>	6/30/01	<b>97</b>	7/17/01	<b>93</b>	6/28/01	<b>103</b>	7/20/01	<b>104</b>	6/29/01	88	6/29/01	<b>117</b>	6/14/01
92	7/19/01	<b>90</b>	7/9/01	<b>99</b>	8/8/01	<b>97</b>	7/16/01	<b>92</b>	6/27/01	<b>98</b>	6/14/01	<b>104</b>	6/28/01	85	6/26/01	<b>95</b>	6/26/01
83	6/29/01	<b>89</b>	8/7/01	<b>93</b>	7/9/01	<b>94</b>	7/9/01	85	8/6/01	<b>95</b>	7/31/01	<b>94</b>	8/6/01	85	6/27/01	89	8/1/01
<b>80</b>	<b>7/18/01</b>	<b>88</b>	<b>6/29/01</b>	<b>88</b>	<b>6/13/01</b>	<b>92</b>	<b>6/28/01</b>	85	6/26/01	<b>91</b>	<b>6/25/01</b>	<b>91</b>	<b>8/1/01</b>	<b>83</b>	<b>6/30/01</b>	<b>88</b>	<b>6/27/01</b>
		<b>88</b>	6/28/01	<b>88</b>	6/28/01	<b>90</b>	7/19/01			89	6/13/01	<b>90</b>	8/8/01			86	6/13/01
		<b>86</b>	6/19/01	<b>88</b>	6/29/01	<b>89</b>	6/29/01			89	7/16/01	<b>89</b>	6/13/01				
		<b>85</b>	6/13/01	<b>87</b>	8/9/01	<b>88</b>	6/25/01			88	7/18/01	<b>86</b>	6/27/01				
				<b>87</b>	6/27/01	<b>88</b>	6/19/01			88	7/17/01						
						<b>88</b>	6/14/01			86	6/28/01						
										85	7/28/01						

260050003 <b>Holland</b> Max Allowable 83 ppb		261130001 <b>Houghton Lake</b> Max Allowable 90 ppb		261390005 <b>Jenison</b> Max Allowable 86 ppb		260770008 <b>Kalamazoo</b> Max Allowable 93 ppb		260650012 <b>Lansing</b> Max Allowable 88 ppb		261630016 <b>Linwood</b> Max Allowable 93 ppb		261210039 <b>Muskegon</b> Max Allowable 73 ppb		260990009 <b>New Haven</b> Max Allowable 83 ppb		261250001 <b>Oak Park</b> Max Allowable 91 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>102</b>	6/30/01	<b>93</b>	6/28/01	<b>94</b>	6/29/01	93	6/30/01	<b>99</b>	7/20/01	92	7/19/01	<b>101</b>	8/6/01	<b>105</b>	6/27/01	<b>94</b>	6/25/01
<b>94</b>	6/13/01	87	6/27/01	<b>88</b>	6/27/01	88	7/20/01	<b>92</b>	6/28/01	90	6/14/01	<b>99</b>	6/13/01	<b>98</b>	7/16/01	<b>93</b>	7/19/01
<b>93</b>	8/8/01	84	7/31/01	<b>87</b>	6/30/01	88	7/9/01	84	7/18/01	88	6/25/01	<b>96</b>	6/30/01	<b>95</b>	6/28/01	91	6/28/01
<b>92</b>	<b>6/29/01</b>	84	6/29/01	<b>86</b>	<b>8/9/01</b>	<b>85</b>	<b>6/26/01</b>	<b>83</b>	<b>6/30/01</b>	<b>87</b>	<b>6/19/01</b>	<b>95</b>	<b>8/1/01</b>	<b>95</b>	<b>6/29/01</b>	<b>90</b>	<b>6/29/01</b>
<b>88</b>	6/28/01			86	6/28/01	85	6/29/01			87	6/28/01	<b>93</b>	8/8/01	<b>91</b>	7/17/01	88	7/17/01
<b>88</b>	8/1/01									85	7/16/01	<b>92</b>	6/28/01	<b>89</b>	6/14/01	88	7/16/01
<b>88</b>	8/9/01											<b>89</b>	6/27/01	<b>89</b>	7/20/01	87	6/27/01
<b>87</b>	6/27/01											<b>88</b>	6/29/01	<b>87</b>	6/26/01	85	7/18/01
<b>86</b>	8/6/01											<b>87</b>	7/18/01	<b>86</b>	6/13/01		
														<b>86</b>	7/18/01		
														<b>85</b>	6/15/01		

260492001 <b>Otisville</b> Max Allowable 85 ppb		261470005 <b>Port Huron</b> Max Allowable 83 ppb		260370001 <b>Rose Lake</b> Max Allowable 93 ppb		261050007 <b>Scottville</b> Max Allowable 72 ppb		260910007 <b>Tecumseh</b> Max Allowable 89 ppb		260991003 <b>Warren</b> Max Allowable 87 ppb		261610008 <b>Ypsilanti</b> Max Allowable 84 ppb *	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>93</b>	7/31/01	<b>105</b>	6/29/01	<b>96</b>	6/14/01	<b>100</b>	8/1/01	<b>96</b>	7/19/01	<b>103</b>	6/28/01	<b>107</b>	7/19/01
<b>91</b>	6/14/01	<b>103</b>	6/27/01	<b>95</b>	7/20/01	<b>99</b>	8/6/01	<b>94</b>	7/20/01	<b>101</b>	7/17/01	<b>95</b>	6/14/01
<b>91</b>	7/20/01	<b>85</b>	8/9/01	91	7/18/01	<b>98</b>	6/29/01	<b>90</b>	6/14/01	<b>99</b>	7/16/01	<b>95</b>	7/20/01
<b>91</b>	7/18/01	<b>84</b>	8/6/01	<b>87</b>	6/28/01	<b>93</b>	8/8/01	<b>86</b>	6/13/01	<b>94</b>	6/29/01	<b>92</b>	6/25/01
<b>90</b>	6/25/01					<b>91</b>	6/13/01	85	6/19/01	<b>92</b>	6/14/01	<b>90</b>	6/26/01
<b>88</b>	6/26/01					<b>91</b>	6/28/01			<b>92</b>	6/25/01	<b>90</b>	6/13/01
<b>86</b>	6/13/01					<b>90</b>	6/27/01			<b>90</b>	7/19/01	<b>87</b>	7/18/01
<b>85</b>	8/1/01					<b>87</b>	8/5/01			<b>90</b>	6/27/01	<b>86</b>	6/29/01
										<b>88</b>	7/9/01	<b>85</b>	7/31/01
										<b>88</b>	6/13/01		

\* 1999 data from Ann Arbor is used to calculate the maximum allowable value for Ypsilanti.

## Summary of the Highest 8-Hour Ozone Concentrations for 2000 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence.  
*Max. Allowable* is the maximum 4th highest value that can occur in 2000 without violation of the standard. Values above *Max. Allowable* are **bold**.  
 Sites in violation of the standard are shaded **red**, sites not in violation of the standard are shaded **green**.



261630001 <b>Allen Park</b> Max Allowable 90 ppb		260270003 <b>Cassopolis</b> Max Allowable 70 ppb		260210014 <b>Coloma</b> Max Allowable 67 ppb		261630019 <b>East Seven Mile</b> Max Allowable 71 ppb		260810022 <b>Evans</b> Max Allowable 75 ppb *		260490021 <b>Flint</b> Max Allowable 78 ppb		260190003 <b>Frankfort</b> Max Allowable 69 ppb		260810020 <b>Grand Rapids</b> Max Allowable 92 ppb		260630007 <b>Harbor Beach</b> Max Allowable 79 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
73	6/10/00	<b>92</b>	8/15/00	<b>98</b>	6/8/00	<b>88</b>	6/9/00	<b>102</b>	6/8/00	<b>84</b>	6/9/00	<b>108</b>	6/9/00	91	6/8/00	<b>83</b>	6/9/00
71	7/27/00	<b>90</b>	6/8/00	<b>97</b>	6/9/00	<b>86</b>	7/13/00	<b>100</b>	6/9/00	<b>79</b>	6/8/00	<b>83</b>	6/8/00	88	6/9/00	79	6/8/00
69	6/9/00	<b>89</b>	6/1/00	<b>95</b>	8/15/00	<b>83</b>	6/8/00	<b>92</b>	9/1/00	76	7/27/00	<b>82</b>	7/1/00	81	9/1/00	73	6/20/00
<b>67</b>	<b>6/8/00</b>	<b>79</b>	<b>7/27/00</b>	<b>77</b>	<b>7/26/00</b>	<b>80</b>	<b>6/10/00</b>	<b>73</b>	<b>7/26/00</b>	<b>72</b>	<b>9/1/00</b>	<b>81</b>	<b>7/26/00</b>	<b>68</b>	<b>7/26/00</b>	<b>72</b>	<b>6/14/00</b>

260050003 <b>Holland</b> Max Allowable 68 ppb		261130001 <b>Houghton Lake</b> Max Allowable 86 ppb		261390005 <b>Jenison</b> Max Allowable 80 ppb		260770008 <b>Kalamazoo</b> Max Allowable 78 ppb		260650012 <b>Lansing</b> Max Allowable 86 ppb		261630016 <b>Linwood</b> Max Allowable 86 ppb		261210039 <b>Muskegon</b> Max Allowable 61 ppb		260990009 <b>New Haven</b> Max Allowable 62 ppb		261250001 <b>Oak Park</b> Max Allowable 79 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>109</b>	6/8/00	<b>98</b>	6/9/00	<b>101</b>	6/8/00	<b>83</b>	6/8/00	86	6/8/00	81	6/9/00	<b>111</b>	6/9/00	<b>90</b>	6/9/00	<b>82</b>	6/9/00
<b>109</b>	6/9/00	80	6/8/00	<b>99</b>	6/9/00	<b>80</b>	6/9/00	83	6/9/00	78	6/10/00	<b>103</b>	6/8/00	<b>79</b>	6/8/00	<b>81</b>	6/8/00
<b>92</b>	6/1/00	74	9/19/00	77	7/26/00	74	8/15/00	82	7/27/00	78	7/13/00	<b>80</b>	5/5/00	<b>76</b>	6/10/00	78	7/13/00
<b>80</b>	<b>7/27/00</b>	<b>73</b>	<b>5/3/00</b>	<b>77</b>	<b>9/1/00</b>	<b>70</b>	<b>7/26/00</b>	<b>77</b>	<b>8/15/00</b>	<b>77</b>	<b>6/8/00</b>	<b>78</b>	<b>6/1/00</b>	<b>75</b>	<b>7/13/00</b>	<b>75</b>	<b>6/10/00</b>

260492001 <b>Otisville</b> Max Allowable 72 ppb		261470005 <b>Port Huron</b> Max Allowable 74 ppb		260370001 <b>Rose Lake</b> Max Allowable 91 ppb		261050007 <b>Scottville</b> Max Allowable 68 ppb		260910007 <b>Tecumseh</b> Max Allowable 87 ppb		260550903 <b>Traverse City</b> Max Allowable 92 ppb		260991003 <b>Warren</b> Max Allowable 76 ppb		261610008 <b>Ypsilanti</b> Max Allowable 80 ppb **	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>92</b>	6/9/00	<b>99</b>	6/9/00	84	6/9/00	<b>116</b>	6/9/00	87	6/1/00	site access lost 3/00	<b>82</b>	6/9/00	<b>84</b>	6/9/00	
<b>87</b>	6/8/00	<b>90</b>	6/10/00	80	6/8/00	<b>102</b>	6/8/00	86	6/9/00		<b>82</b>	7/13/00	<b>81</b>	6/8/00	
<b>76</b>	7/27/00	<b>82</b>	6/8/00	77	8/15/00	<b>85</b>	7/1/00	82	6/8/00		<b>79</b>	6/8/00	79	6/1/00	
<b>74</b>	<b>6/10/00</b>	<b>80</b>	<b>7/2/00</b>	<b>74</b>	<b>7/27/00</b>	<b>81</b>	<b>6/10/00</b>	<b>82</b>	<b>8/15/00</b>		<b>77</b>	<b>7/27/00</b>	<b>78</b>	<b>6/10/00</b>	

\* 1998 data from Parnell is used to calculate the maximum allowable value for Evans.

\*\* 1998 & 1999 data from Ann Arbor is used to calculate the maximum allowable value for Ypsilanti.



260630007 <b>Harbor Beach</b> Max Allowable 92 ppb		260050003 <b>Holland</b> Max Allowable 62 ppb		261130001 <b>Houghton Lake</b> Max Allowable new site		261390005 <b>Jenison</b> Max Allowable 90 ppb		260770008 <b>Kalamazoo</b> Max Allowable 86 ppb		260650012 <b>Lansing</b> Max Allowable 97 ppb		261630016 <b>Linwood</b> Max Allowable 89 ppb		261210039 <b>Muskegon</b> Max Allowable 78 ppb		260990009 <b>New Haven</b> Max Allowable 66 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>106</b>	6/11/99	<b>118</b>	7/30/99	98	7/15/99	<b>97</b>	5/30/99	<b>97</b>	9/2/99	97	9/3/99	<b>92</b>	5/30/99	<b>125</b>	7/30/99	<b>106</b>	6/11/99
<b>93</b>	9/2/99	<b>96</b>	5/30/99	98	9/3/99	<b>96</b>	9/3/99	<b>92</b>	6/22/99	91	6/23/99	<b>92</b>	6/11/99	<b>108</b>	6/22/99	<b>105</b>	6/12/99
91	5/30/99	<b>94</b>	7/15/99	95	5/30/99	<b>93</b>	7/15/99	<b>92</b>	6/23/99	90	5/30/99	84	6/23/99	<b>103</b>	6/11/99	<b>98</b>	6/10/99
<b>90</b>	<b>6/23/99</b>	<b>91</b>	<b>7/28/99</b>	<b>91</b>	<b>6/23/99</b>	<b>91</b>	<b>9/2/99</b>	<b>91</b>	<b>5/30/99</b>	<b>89</b>	<b>9/4/99</b>	<b>84</b>	<b>7/30/99</b>	<b>103</b>	<b>7/15/99</b>	<b>96</b>	<b>9/2/99</b>
89	6/22/99	<b>91</b>	7/23/99	90	6/22/99	90	6/10/99	<b>87</b>	6/10/99	87	6/21/99			<b>103</b>	5/30/99	<b>94</b>	5/30/99
88	6/10/99	<b>91</b>	6/10/99	88	9/4/99	86	6/22/99	86	9/3/99	86	6/11/99			<b>102</b>	6/23/99	<b>92</b>	7/15/99
86	5/29/99	<b>90</b>	9/2/99	85	6/10/99	85	6/21/99	86	7/30/99					<b>100</b>	7/16/99	<b>90</b>	6/5/99
		<b>88</b>	9/4/99			85	7/28/99	86	7/13/99					<b>98</b>	6/21/99	<b>90</b>	7/16/99
		<b>88</b>	6/22/99					86	7/28/99					<b>97</b>	6/10/99	<b>87</b>	7/14/99
		<b>86</b>	9/3/99					85	6/21/99					<b>95</b>	7/23/99	<b>86</b>	9/3/99
		<b>85</b>	7/16/99					85	9/4/99					<b>93</b>	7/24/99	<b>85</b>	6/23/99
		<b>85</b>	7/24/99											<b>92</b>	9/2/99		
		<b>85</b>	9/1/99											<b>92</b>	7/5/99		
														<b>91</b>	9/3/99		
														<b>91</b>	7/14/99		
														<b>89</b>	7/28/99		
														<b>88</b>	7/29/99		
														<b>87</b>	6/6/99		
														<b>86</b>	9/5/99		
														<b>86</b>	9/4/99		

261250001 <b>Oak Park</b> Max Allowable 89 ppb		260492001 <b>Otisville</b> Max Allowable 86 ppb		261470005 <b>Port Huron</b> Max Allowable 84 ppb		260370001 <b>Rose Lake</b> Max Allowable 98 ppb		261050007 <b>Scottville</b> Max Allowable 81 ppb		260910007 <b>Tecumseh</b> Max Allowable 92 ppb		260991003 <b>Warren</b> Max Allowable 83 ppb		260550903 <b>Traverse City</b> Max Allowable new site	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>93</b>	5/30/99	<b>115</b>	6/11/99	<b>104</b>	9/2/99	94	9/3/99	<b>119</b>	7/30/99	86	7/16/99	<b>103</b>	6/11/99	89	7/15/99
<b>90</b>	6/10/99	<b>98</b>	6/22/99	<b>102</b>	7/16/99	89	9/4/99	<b>105</b>	6/21/99	84	7/15/99	<b>95</b>	6/12/99	87	9/3/99
<b>90</b>	6/11/99	<b>96</b>	6/10/99	<b>98</b>	7/15/99	89	5/30/99	<b>105</b>	9/3/99	84	9/26/99	<b>90</b>	7/30/99	85	5/30/99
<b>88</b>	<b>6/12/99</b>	<b>95</b>	<b>9/3/99</b>	<b>91</b>	<b>5/30/99</b>	<b>87</b>	<b>6/21/99</b>	<b>101</b>	<b>5/30/99</b>	<b>83</b>	<b>7/14/99</b>	<b>90</b>	<b>9/2/99</b>	<b>83</b>	<b>6/22/99</b>
85	7/15/99	<b>95</b>	6/23/99	<b>91</b>	9/3/99	87	6/23/99	<b>100</b>	6/23/99			<b>88</b>	5/30/99		
85	7/30/99	<b>93</b>	9/2/99	<b>90</b>	6/12/99			<b>100</b>	6/22/99			<b>87</b>	9/3/99		
		<b>93</b>	6/5/99	<b>87</b>	7/14/99			<b>99</b>	6/11/99			<b>85</b>	5/29/99		
		<b>89</b>	9/4/99	<b>87</b>	9/4/99			<b>95</b>	9/2/99						
		<b>88</b>	7/15/99					<b>95</b>	6/10/99						
		86	5/30/99					<b>90</b>	7/16/99						
		86	6/21/99					<b>89</b>	9/4/99						
		85	6/12/99					<b>88</b>	5/4/99						
								<b>85</b>	9/26/99						

\* Based on 1997 data from Ludington, which was closed in 1997.

\*\*\* Used 1997 & 1998 data from Parnell to calculate Max allowable value for Evans.



260630007 <b>Harbor Beach</b> Max Allowable 90 ppb		260050003 <b>Holland</b> Max Allowable 68 ppb		261130001 <b>Houghton Lake</b> Max Allowable new site		261390005 <b>Jenison</b> Max Allowable 83 ppb		260770008 <b>Kalamazoo</b> Max Allowable 83 ppb		260650012 <b>Lansing</b> Max Allowable 92 ppb		261630016 <b>Linwood</b> Max Allowable 95 ppb		261210039 <b>Muskegon</b> Max Allowable 71 ppb		260990009 <b>New Haven</b> Max Allowable 71 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
98	5/15/98	114	6/25/98	95	5/15/98	99	6/25/98	101	7/14/98	95	9/13/98	91	8/8/98	100	8/14/98	111	7/15/98
98	8/8/98	105	7/2/98	84	5/18/98	89	5/15/98	94	5/15/98	86	5/15/98	90	6/23/98	99	9/13/98	103	7/14/98
88	7/21/98	105	9/6/98	82	9/11/98	87	9/13/98	88	9/13/98	85	9/12/98	86	7/14/98	92	6/25/98	98	8/21/98
87	7/15/98	97	8/14/98	79	6/25/98	85	7/14/98	87	9/12/98	81	9/11/98	86	9/13/98	92	8/23/98	98	9/19/98
		96	5/19/98			85	9/12/98							91	5/18/98	97	8/8/98
		96	7/14/98											91	6/24/98	95	6/24/98
		92	5/28/98											88	5/15/98	93	9/13/98
		91	9/13/98											88	7/13/98	91	5/19/98
		90	6/24/98											87	7/14/98	90	5/15/98
		89	5/18/98											86	6/20/98	88	6/20/98
		89	7/12/98											85	9/11/98	85	5/14/98
		89	7/15/98														
		89	9/11/98														
		89	9/12/98														
		88	8/23/98														
		87	6/20/98														
		87	5/27/98														

261250001 <b>Oak Park</b> Max Allowable 103 ppb		260492001 <b>Otisville</b> Max Allowable 89 ppb		260812001 <b>Parnell</b> Max Allowable 85 ppb		261470005 <b>Port Huron</b> Max Allowable 84 ppb		260370001 <b>Rose Lake</b> Max Allowable 107 ppb		261050007 <b>Scottville</b> Max Allowable 69 ppb *		260910007 <b>Tecumseh</b> Max Allowable 92 ppb		260550903 <b>Traverse City</b> Max Allowable new site		260991003 <b>Warren</b> Max Allowable 72 ppb	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
99	9/13/98	112	5/15/98	98	6/25/98	107	7/14/98	94	5/15/98	98	5/18/98	96	5/15/98	83	9/11/98	104	8/8/98
90	8/8/98	94	8/8/98	91	9/13/98	102	5/19/98	85	9/13/98	98	6/24/98	91	5/14/98	81	7/15/98	93	7/15/98
89	6/24/98	93	9/13/98	88	5/28/98	98	7/15/98	80	5/14/98	92	5/15/98	87	7/14/98	76	5/27/98	92	7/14/98
89	7/15/98	89	5/14/98	87	5/15/98	91	6/25/98	78	5/18/98	87	6/25/98	86	9/13/98	73	8/5/98	90	9/13/98
88	7/14/98			87	7/13/98	90	6/24/98			87	7/15/98					86	6/24/98
85	5/19/98					90	8/14/98			86	9/11/98					85	7/2/98
						88	8/8/98			85	7/13/98						
						87	5/15/98										
						86	5/18/98										
						85	7/13/98										

\* Based on 1996 & 1997 data from Ludington, whose last year of operation was 1997.

\*\* Values through 7/30/98.

## Summary of the Highest 8-Hour Ozone Concentrations for 1997 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence. Values at and above 85 ppb are bold.



261470030 Algonac		261630001 Allen Park		261610007 Ann Arbor		260270003 Cassopolis		260210014 Coloma		261630019 East Seven Mile		260490021 Flint		260190003 Frankfort		260810020 Grand Rapids	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>101</b>	7/13/97	<b>100</b>	6/21/97	<b>87</b>	6/28/97	<b>102</b>	7/17/97	<b>103</b>	6/29/97	<b>99</b>	7/25/97	<b>87</b>	7/13/97	<b>98</b>	6/29/97	<b>89</b>	7/12/97
<b>97</b>	7/12/97	84	7/12/97	80	6/29/97	<b>94</b>	6/29/97	<b>100</b>	7/12/97	<b>98</b>	7/12/97	84	8/9/97	<b>90</b>	7/13/97	<b>87</b>	6/29/97
<b>93</b>	7/25/97	80	7/13/97	75	7/12/97	<b>90</b>	5/24/97	<b>99</b>	7/16/97	<b>95</b>	7/13/97	83	6/29/97	<b>89</b>	7/12/97	81	6/28/97
<b>88</b>	6/10/97	<b>75</b>	7/25/97	<b>75</b>	7/13/97	<b>90</b>	8/1/97	<b>99</b>	8/1/97	<b>88</b>	6/28/97	81	7/12/97	<b>78</b>	6/23/97	<b>79</b>	6/24/97
<b>88</b>	6/24/97					<b>89</b>	6/28/97	<b>95</b>	5/24/97								
						<b>88</b>	7/12/97	<b>93</b>	6/28/97								
						<b>88</b>	7/26/97	<b>93</b>	7/17/97								
								<b>89</b>	6/13/97								
								<b>87</b>	6/23/97								
								<b>86</b>	8/8/97								
								85	6/10/97								
								85	7/13/97								

260630007 Harbor Beach		260050003 Holland		261390005 Jenison		260770008** Kalamazoo		260650012 Lansing		261630016 Linwood		261050006 Ludington		261210039 Muskegon		260990009 New Haven	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>93</b>	6/29/97	<b>104</b>	8/1/97	<b>92</b>	6/29/97	<b>91</b>	6/29/97	<b>89</b>	6/29/97	<b>94</b>	6/23/97	<b>103</b>	6/12/97	<b>100</b>	7/13/97	<b>110</b>	7/12/97
<b>91</b>	6/28/97	<b>101</b>	6/29/97	<b>91</b>	6/11/97	<b>86</b>	5/24/97	80	6/11/97	<b>88</b>	6/22/97	<b>101</b>	6/29/97	<b>99</b>	6/29/97	<b>109</b>	7/13/97
80	7/12/97	<b>100</b>	7/16/97	<b>90</b>	7/12/97	<b>86</b>	6/28/97	79	6/28/97	84	6/6/97	<b>95</b>	6/23/97	<b>85</b>	7/12/97	<b>99</b>	7/25/97
<b>79</b>	7/13/97	<b>95</b>	6/23/97	<b>86</b>	7/16/97	<b>85</b>	8/1/97	<b>76</b>	7/13/97	<b>79</b>	7/12/97	<b>91</b>	7/12/97	<b>85</b>	7/16/97	<b>91</b>	6/10/97
		<b>94</b>	6/28/97	<b>85</b>	6/23/97							<b>90</b>	7/13/97	<b>85</b>	8/1/97	<b>90</b>	8/8/97
		<b>92</b>	7/12/97	<b>85</b>	6/28/97							<b>85</b>	6/11/97			<b>86</b>	6/29/97
		<b>85</b>	7/14/97													<b>85</b>	6/28/97
		<b>85</b>	7/17/97														

261250001 Oak Park		260492001 Otisville		260812001 Parnell		261470005 Port Huron		260370001 Rose Lake		260910007 Tecumseh		260991003 Warren	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>87</b>	7/12/97	<b>95</b>	6/29/97	<b>88</b>	7/12/97	<b>97</b>	7/12/97	81	6/11/97	<b>87</b>	6/28/97	<b>108</b>	7/12/97
77	7/25/97	<b>90</b>	7/13/97	83	6/28/97	<b>92</b>	7/13/97	80	6/29/97	80	8/1/97	<b>95</b>	7/25/97
76	6/11/97	<b>90</b>	8/9/97	83	8/1/97	<b>88</b>	7/14/97	79	6/10/97	77	6/24/97	<b>94</b>	7/13/97
<b>76</b>	7/13/97	84	7/12/97	<b>82</b>	6/11/97	83	6/24/97	<b>78</b>	7/12/97	<b>76</b>	7/13/97	<b>91</b>	6/28/97

\*\* Same as 260770905. Operation taken over by MDEQ AQD.





261050006 Ludington		261210039 Muskegon		260990009 New Haven		261250001 Oak Park		260492001 Otisville		260812001 Parnell		261470005 Port Huron		260370001 Rose Lake		260910007 Tecumseh	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
143	6/28/96	129	6/28/96	95	7/6/96	81	7/6/96	102	8/5/96	115	6/29/96	94	6/29/96	73	7/6/96	94	6/28/96
121	6/27/96	101	6/29/96	93	8/5/96	80	7/7/96	95	6/1/96	111	6/28/96	92	6/27/96	73	6/16/96	88	7/7/96
98	8/7/96	101	6/27/96	92	6/29/96	77	6/28/96	86	6/29/96	95	7/6/96	88	7/13/96	70	6/29/96	86	7/6/96
93	6/29/96	97	8/7/96	91	8/26/96	74	6/29/96	84	6/28/96	86	9/4/96	86	7/7/96	68	9/4/96	85	6/29/96
89	9/3/96	90	7/6/96	91	6/1/96							86	8/7/96			85	7/12/96
85	7/6/96	85	7/16/96	90	7/13/96												
				89	7/12/96												
				87	6/28/96												
				87	7/7/96												
				85	8/7/96												

260991003 Warren	
Value, ppb	Date
97	7/6/96
95	8/5/96
91	7/12/96
90	6/29/96
88	6/1/96
87	6/28/96
85	7/7/96

\* Fairgrounds

\*\*Kelloggs



260990009 New Haven		261250001 Oak Park		260492001 Otisville		260812001 Parnell		261470005 Port Huron		260370001 Rose Lake		260910007 Tecumseh		260991003 Warren	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
112	7/31/95	96	8/20/95	83	7/12/95	117	7/13/95	100	6/17/95	80	7/14/95	97	6/23/95	97	8/15/95
106	6/17/95	93	7/14/95	82	6/16/95	110	7/14/95	100	7/13/95	79	6/23/95	91	6/18/95	96	8/26/95
95	7/14/95	84	7/15/95	81	7/13/95	98	8/14/95	95	7/31/95	76	7/12/95	90	6/20/95	94	6/23/95
92	6/18/95	84	6/18/95	79	7/14/95	98	6/17/95	94	6/18/95	76	6/17/95	89	6/6/95	90	7/31/95
92	7/13/95					96	7/12/95	87	9/6/95			85	6/17/95	89	6/18/95
91	8/26/95					93	6/16/95							88	7/14/95
90	8/11/95					90	9/5/95							85	7/13/95
89	6/23/95					87	8/13/95							85	6/19/95
						85	8/26/95								
						85	6/6/95								

\* Fairgrounds  
\*\*Kelloggs

## Summary of the Highest 8-Hour Ozone Concentrations for 1994 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence. Values at and above 85 ppb are bold.



261470030 Algonac		261630001 Allen Park		261610005 Ann Arbor		260270003 Cassopolis		260210014 Coloma		261630019 East Seven Mile		260490021 Flint		260190003 Frankfort		260810020 Grand Rapids	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date++	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>107</b>	6/18/94	<b>102</b>	6/18/94	<b>88</b>	5/22/94	<b>106</b>	5/22/94	<b>90</b>	6/18/94	<b>108</b>	8/18/94	<b>86</b>	6/18/94	<b>94</b>	9/12/94	<b>119</b>	6/17/94
<b>104</b>	6/16/94	<b>91</b>	6/17/94	<b>86</b>	6/18/94	<b>95</b>	6/5/94	<b>90</b>	5/30/94	<b>98</b>	5/22/94	82	6/5/94	<b>86</b>	5/21/94	<b>100</b>	6/18/94
<b>102</b>	5/22/94	84	5/22/94	80	7/4/94	<b>91</b>	6/18/94	<b>87</b>	5/22/94	<b>96</b>	6/18/94	80	7/4/94	<b>85</b>	9/15/94	<b>86</b>	7/20/94
<b>95</b>	7/7/94	<b>74</b>	6/5/94	<b>79</b>	6/5/94	<b>90</b>	9/14/94	<b>86</b>	5/21/94	<b>94</b>	6/17/94	<b>77</b>	6/16/94	<b>84</b>	5/30/94	<b>84</b>	8/18/94
<b>90</b>	6/17/94					<b>90</b>	6/17/94	<b>86</b>	6/5/94	<b>86</b>	6/16/94						
<b>89</b>	8/27/94					<b>90</b>	5/30/94	<b>85</b>	6/17/94	<b>85</b>	6/5/94						
						<b>88</b>	5/21/94										
						<b>88</b>	6/16/94										
						<b>86</b>	7/12/94										
						<b>85</b>	5/29/94										
						<b>85</b>	9/12/94										

260630007 Harbor Beach		260050003 Holland		261390005 Jenison		260770905 Kalamazoo*		260770906 Kalamazoo**		260650012 Lansing		261630016 Linwood		261050006 Ludington		261210039 Muskegon	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>100</b>	6/15/94	<b>99</b>	6/18/94	<b>101</b>	6/17/94	<b>92</b>	5/22/94	<b>93</b>	5/22/94	<b>90</b>	5/22/94	<b>108</b>	6/18/94	<b>98</b>	6/17/94	<b>105</b>	7/6/94
<b>96</b>	6/16/94	<b>94</b>	6/5/94	<b>98</b>	6/18/94	79	5/21/94	<b>89</b>	6/5/94	83	6/5/94	<b>93</b>	5/22/94	<b>95</b>	7/5/94	<b>91</b>	6/15/94
<b>90</b>	7/19/94	<b>93</b>	6/17/94	<b>90</b>	6/5/94	79	6/17/94	83	5/30/94	81	6/4/94	<b>92</b>	8/18/94	<b>85</b>	6/5/94	<b>91</b>	7/16/94
<b>82</b>	6/18/94	<b>92</b>	7/1/94	<b>86</b>	7/1/94	<b>77</b>	9/12/94	<b>82</b>	7/12/94	<b>80</b>	6/17/94	<b>92</b>	6/17/94	<b>85</b>	7/16/94	<b>90</b>	6/5/94
		<b>89</b>	6/15/94	<b>86</b>	7/20/94									<b>85</b>	9/12/94	<b>90</b>	9/13/94
		<b>89</b>	9/13/94	<b>85</b>	5/22/94											<b>90</b>	7/20/94
		<b>88</b>	5/22/94													<b>90</b>	8/24/94
		<b>87</b>	5/30/94													<b>89</b>	5/22/94
		<b>86</b>	7/20/94													<b>88</b>	6/18/94
		<b>86</b>	8/1/94													<b>87</b>	5/30/94
		<b>85</b>	8/19/94													<b>87</b>	6/17/94

260990009 New Haven		261250001 Oak Park		260492001 Otisville		260812001 Parnell		261470005 Port Huron		260370001 Rose Lake		260910007 Tecumseh		260991003 Warren	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>122</b>	5/22/94	<b>100</b>	6/18/94	<b>92</b>	5/22/94	<b>88</b>	6/17/94	<b>107</b>	6/16/94	<b>92</b>	5/22/94	<b>96</b>	5/22/94	<b>103</b>	6/18/94
<b>115</b>	6/16/94	<b>89</b>	5/22/94	79	6/5/94	<b>86</b>	5/22/94	<b>98</b>	6/18/94	82	6/5/94	<b>88</b>	6/5/94	<b>99</b>	6/16/94
<b>102</b>	6/18/94	<b>89</b>	6/17/94	75	6/16/94	<b>85</b>	6/5/94	<b>86</b>	5/22/94	79	6/18/94	<b>87</b>	6/18/94	<b>97</b>	8/18/94
<b>97</b>	5/21/94	<b>87</b>	8/18/94	<b>73</b>	5/21/94	<b>84</b>	6/18/94	<b>86</b>	5/30/94	<b>78</b>	6/4/94	<b>84</b>	9/16/94	<b>87</b>	5/22/94
<b>94</b>	6/5/94	<b>86</b>	8/3/94					<b>86</b>	7/7/94						
<b>92</b>	7/7/94							<b>85</b>	6/5/94						
<b>85</b>	8/27/94														

\* Fairgrounds  
\*\*Kelloggs

## Summary of the Highest 8-Hour Ozone Concentrations for 1993 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence. Values at and above 85 ppb are bold.



261470030 Algonac		261630001 Allen Park		261610005 Ann Arbor		260270003 Cassopolis		260210014 Coloma		261630019 East Seven Mile		260410912 Escanaba		260490021 Flint		260190003 Frankfort	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date++	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>92</b>	6/24/93	<b>87</b>	6/24/93	<b>96</b>	6/24/93	<b>92</b>	6/17/93	80	8/26/93	<b>104</b>	8/14/93	<b>95</b>	6/24/93	<b>99</b>	6/24/93	<b>90</b>	5/9/93
<b>87</b>	6/17/93	79	6/17/93	<b>87</b>	5/10/93	84	5/9/93	80	5/9/93	<b>95</b>	6/17/93	80	6/13/93	<b>86</b>	6/17/93	<b>86</b>	8/30/93
<b>86</b>	8/14/93	74	8/25/93	84	6/17/93	84	6/24/93	79	6/17/93	<b>91</b>	6/24/93	61	6/14/93	<b>86</b>	8/12/93	83	5/10/93
84	7/2/93	69	8/14/93	75	8/13/93	80	5/11/93	79	8/11/93	83	8/15/93	58	7/24/93	69	8/13/93	83	8/26/93

260810020 Grand Rapids		260630006 Harbor Beach		260050003 Holland		260770905 Kalamazoo		260770906 Kalamazoo		260650012 Lansing		261630016 Linwood		261630025 Livonia		261050006 Ludington	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>107</b>	8/26/93	<b>87</b>	6/24/93	<b>105</b>	8/26/93	<b>90</b>	6/17/93	<b>91</b>	6/17/93	<b>87</b>	6/17/93	<b>88</b>	6/24/93	<b>92</b>	8/13/93	<b>105</b>	8/30/93
<b>87</b>	5/9/93	80	8/26/93	<b>93</b>	6/17/93	<b>87</b>	5/9/93	<b>90</b>	5/9/93	84	8/13/93	72	8/25/93	75	6/24/93	<b>98</b>	6/17/93
83	6/24/93	78	7/4/93	<b>85</b>	5/9/93	81	5/10/93	<b>89</b>	5/10/93	84	6/24/93	68	6/13/93	70	8/8/93	<b>96</b>	5/9/93
82	6/17/93	75	7/5/93	81	8/24/93	80	6/13/93	80	6/24/93	80	5/9/93	67	8/13/93	69	5/11/93	<b>91</b>	8/27/93
																<b>90</b>	8/26/93
																<b>89</b>	6/24/93
																<b>89</b>	8/23/93
																<b>87</b>	6/13/93
																<b>86</b>	7/17/93
																<b>85</b>	5/10/93

261150037 Maybee		261210039 Muskegon		260990009 New Haven		261250001 Oak Park		260492001 Otisville		260812001 Parnell		261470005 Port Huron		260430901 Quinessec #1		260430902 Quinessec #2	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>106</b>	6/24/93	<b>109</b>	8/26/93	<b>98</b>	6/17/93	<b>93</b>	6/17/93	<b>111</b>	6/24/93	<b>93</b>	8/26/93	<b>96</b>	8/14/93	80	5/9/93	<b>87</b>	5/9/93
<b>90</b>	6/17/93	<b>95</b>	6/17/93	<b>96</b>	6/24/93	84	6/24/93	<b>88</b>	6/17/93	83	6/17/93	<b>92</b>	6/17/93	75	6/24/93	<b>85</b>	5/8/93
70	6/13/93	<b>89</b>	5/9/93	<b>93</b>	7/2/93	76	8/13/93	<b>85</b>	8/12/93	81	5/9/93	<b>91</b>	7/2/93	75	5/8/93	83	6/24/93
68	7/5/93	83	8/23/93	<b>85</b>	7/23/93	75	8/25/93	71	8/9/93	78	5/10/93	<b>87</b>	6/24/93	74	6/13/93	80	6/13/93

260370001 Rose Lake		260910007 Tecumseh		260991003 Warren	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>91</b>	5/9/93	79	8/12/93	<b>102</b>	6/24/93
<b>88</b>	6/17/93	76	8/23/93	<b>96</b>	6/17/93
<b>88</b>	6/24/93	75	8/13/93	<b>95</b>	8/14/93
78	5/10/93	74	7/25/93	83	8/11/93

## Summary of the Highest 8-Hour Ozone Concentrations for 1992 for All Sites in Michigan

The four highest values in ppb are listed. All values at and above 85 ppb are included to illustrate frequency of occurrence. Values at and above 85 ppb are bold.



261470030 Algonac		261630001 Allen Park		261610005 Ann Arbor		260270003 Cassopolis		260210014 Coloma		261618001 Dexter		261630019 East Seven Mile		260410912 Escanaba		260490021 Flint	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date++	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>95</b>	6/13/92	82	6/13/92	<b>90</b>	5/21/92	<b>100</b>	7/1/92	72	8/9/92	<b>106</b>	5/21/92	<b>87</b>	8/22/92	<b>112</b>	6/4/92	<b>86</b>	8/22/92
<b>86</b>	5/12/92	73	8/22/92	<b>85</b>	8/22/92	<b>99</b>	6/13/92	72	8/22/92	<b>94</b>	7/1/92	84	5/21/92	<b>85</b>	8/23/92	73	6/17/92
<b>85</b>	5/21/92	71	5/21/92	81	6/30/92	<b>95</b>	6/14/92	71	8/7/92	<b>93</b>	8/22/92	84	5/12/92	83	8/24/92	72	8/7/92
81	6/12/92	<b>70</b>	8/7/92	<b>76</b>	6/13/92	<b>93</b>	6/30/92	<b>64</b>	8/8/92	<b>92</b>	6/30/92	<b>77</b>	6/29/92	<b>77</b>	9/13/92	<b>69</b>	7/1/92
						<b>92</b>	6/29/92			<b>90</b>	5/11/92						
						<b>88</b>	5/11/92			<b>87</b>	6/29/92						
						<b>88</b>	6/16/92										

260190003 Frankfort		260810020 Grand Rapids		260050003 Holland		261390005 Jenison		260770905 Kalamazoo		260770901 Kalamazoo		260650012 Lansing		261590901 Lawton		261630016 Linwood	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>85</b>	8/22/92	<b>90</b>	6/13/92	67	9/16/92	<b>97</b>	7/1/92	<b>110</b>	7/1/92	<b>104</b>	7/1/92	<b>101</b>	7/1/92	<b>92</b>	5/11/92	<b>87</b>	5/21/92
75	8/21/92	82	7/1/92	63	9/7/92	<b>93</b>	6/13/92	<b>104</b>	6/13/92	<b>93</b>	6/13/92	79	5/21/92	84	5/20/92	84	6/13/92
74	8/23/92	78	5/20/92	59	9/14/92	<b>89</b>	6/29/92	<b>92</b>	6/29/92	<b>87</b>	6/3/92	78	5/11/92	82	5/16/92	80	8/22/92
72	8/25/92	<b>78</b>	5/22/92	<b>58</b>	9/15/92	<b>80</b>	5/22/92	<b>90</b>	6/3/92	<b>87</b>	6/29/92	<b>77</b>	6/13/92	<b>81</b>	5/21/92	<b>78</b>	5/16/92
								<b>88</b>	6/12/92	<b>85</b>	5/11/92						
								<b>87</b>	6/30/92								
								<b>85</b>	6/14/92								

261632002 Livonia		261018001 Manistee Ntl Fst		261210039 Muskegon		260990009 New Haven		261250001 Oak Park		260492001 Otisville		260812001 Parnell		261470005 Port Huron		260430901 Quinnesec #1	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
83	6/30/92	<b>86</b>	5/22/92	<b>112</b>	6/13/92	<b>87</b>	6/29/92	<b>90</b>	6/13/92	75	5/21/92	<b>92</b>	6/13/92	<b>98</b>	6/13/92	<b>86</b>	6/4/92
77	6/29/92	<b>85</b>	6/3/92	<b>99</b>	5/22/92	<b>85</b>	6/13/92	82	8/22/92	72	5/11/92	<b>87</b>	7/1/92	<b>94</b>	5/12/92	81	5/20/92
71	5/21/92	84	5/11/92	<b>95</b>	7/1/92	82	8/22/92	82	7/25/92	71	8/22/92	<b>86</b>	6/12/92	<b>87</b>	5/22/92	80	5/21/92
<b>68</b>	5/12/92	83	6/4/92	<b>86</b>	5/11/92	82	7/25/92	81	5/21/92	71	8/6/92	82	5/11/92	75	8/21/92	<b>73</b>	5/16/92

260430902 Quinnesec #2		260370001 Rose Lake		261611001 Saline		261578001 Unionville		260991003 Warren	
Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date	Value, ppb	Date
<b>86</b>	6/4/92	<b>105</b>	7/1/92	84	6/13/92	<b>93</b>	5/11/92	<b>89</b>	5/21/92
82	5/20/92	<b>86</b>	5/11/92	84	5/21/92	<b>88</b>	5/21/92	84	6/13/92
82	5/21/92	<b>86</b>	5/21/92	83	6/30/92	<b>85</b>	6/17/92	83	8/22/92
75	5/16/92	83	6/3/92	<b>78</b>	5/11/92	81	5/20/92	81	5/12/92