

## Summary of the Highest 8-Hour Ozone Concentrations for 2020 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 2020 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**  
 2020 Data subject to validation. Updated through 8/30/2020.  
 Non-attainment Area (NA)

Southeast NA		7/7/20		Berrien Co. NA		Southeast NA		6/19/20		6/19/20		6/19/20		Allegan Co NA					
261630001		260270003		260210014		261630019		260810022		260490021		260190003		260810020		260630007		260050003	
Allen Park		Cassopolis		Coloma		East Seven Mile		Evans		Flint		Frankfort		Grand Rapids		Harbor Beach		Holland	
Max Allowable		Max Allowable		Max Allowable		Max Allowable		Max Allowable		Max Allowable		Max Allowable		Max Allowable		Max Allowable		Max Allowable	
81 ppb		73 ppb		73 ppb		70 ppb		85 ppb		83 ppb		86 ppb		76 ppb		82 ppb		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
73	7/9/20	<b>77</b>	<b>6/19/20</b>	<b>85</b>	<b>6/5/20</b>	<b>76</b>	<b>7/7/20</b>	76	6/2/20	78	6/9/20	<b>91</b>	<b>6/19/20</b>	<b>83</b>	<b>6/2/20</b>	<b>85</b>	<b>6/20/20</b>	<b>81</b>	<b>6/2/20</b>
71	7/7/20	<b>75</b>	<b>6/17/20</b>	<b>82</b>	<b>6/2/20</b>	<b>75</b>	<b>7/6/20</b>	72	6/19/20	69	6/17/20	78	6/18/20	<b>80</b>	<b>6/18/20</b>	<b>83</b>	<b>7/6/20</b>	<b>79</b>	<b>6/19/20</b>
70	6/9/20	<b>75</b>	<b>6/18/20</b>	<b>79</b>	<b>6/18/20</b>	<b>74</b>	<b>7/2/20</b>	71	6/18/20	68	6/20/20	69	6/17/20	<b>79</b>	<b>6/19/20</b>	<b>78</b>	<b>7/9/20</b>	<b>76</b>	<b>8/26/20</b>
<b>70</b>	<b>6/20/20</b>	<b>75</b>	<b>7/7/20</b>	<b>78</b>	<b>6/19/20</b>	<b>73</b>	<b>6/20/20</b>	<b>70</b>	<b>6/17/20</b>	<b>67</b>	<b>6/2/20</b>	<b>68</b>	<b>6/2/20</b>	<b>69</b>	<b>6/17/20</b>	<b>75</b>	<b>7/15/20</b>	<b>78</b>	<b>6/18/20</b>
69	7/6/20	<b>72</b>	<b>6/5/20</b>	<b>73</b>	<b>6/17/20</b>	<b>70</b>	<b>6/9/20</b>	66	6/20/20	67	6/8/20	65	7/25/20	<b>76</b>	<b>6/20/20</b>	74	6/18/20	<b>72</b>	<b>6/20/20</b>
68	7/2/20	<b>68</b>	<b>6/20/20</b>	<b>72</b>	<b>6/20/20</b>	<b>70</b>	<b>7/9/20</b>	65	8/26/20	67	7/15/20	64	6/30/20	<b>72</b>	<b>8/26/20</b>	72	5/26/20	<b>72</b>	<b>7/25/20</b>
66	7/5/20	<b>67</b>	<b>6/2/20</b>	<b>71</b>	<b>7/25/20</b>	<b>70</b>	<b>8/22/20</b>	64	6/4/20	66	6/18/20	64	8/26/20	<b>69</b>	<b>6/4/20</b>	62	6/19/20	<b>70</b>	<b>6/17/20</b>
65	6/2/20	<b>67</b>	<b>7/3/20</b>	<b>70</b>	<b>8/26/20</b>	<b>69</b>	<b>6/2/20</b>	63	6/9/20	66	8/22/20	63	6/8/20	<b>69</b>	<b>6/16/20</b>	67	6/9/20	<b>68</b>	<b>6/4/20</b>
65	6/17/20	<b>66</b>	<b>7/6/20</b>	<b>68</b>	<b>7/9/20</b>	<b>68</b>	<b>6/4/20</b>	63	6/16/20	65	6/19/20	63	6/9/20	<b>69</b>	<b>7/8/20</b>	64	6/2/20	<b>67</b>	<b>7/9/20</b>
65	8/22/20	<b>66</b>	<b>7/9/20</b>	<b>67</b>	<b>6/4/20</b>	<b>66</b>	<b>7/25/20</b>	63	6/16/20	65	7/6/20	61	6/16/20	<b>68</b>	<b>7/25/20</b>	64	6/22/20	<b>66</b>	<b>8/24/20</b>
64	7/15/20	<b>64</b>	<b>6/30/20</b>	<b>67</b>	<b>7/3/20</b>	<b>65</b>	<b>6/5/20</b>	61	6/4/20	61	6/4/20	61	6/20/20	<b>67</b>	<b>7/15/20</b>	62	6/17/20	<b>64</b>	<b>6/5/20</b>
64	8/21/20	<b>63</b>	<b>5/2/20</b>	<b>66</b>	<b>8/27/20</b>	<b>65</b>	<b>7/15/20</b>	61	7/7/20	61	7/7/20	61	7/2/20	<b>64</b>	<b>6/5/20</b>	61	5/25/20	<b>63</b>	<b>6/22/20</b>
63	6/5/20	<b>63</b>	<b>6/16/20</b>	<b>64</b>	<b>7/7/20</b>	<b>65</b>	<b>7/17/20</b>	60	6/16/20	60	6/5/20	60	8/20/20	<b>63</b>	<b>6/30/20</b>	60	7/7/20	<b>62</b>	<b>8/27/20</b>
60	6/4/20	<b>63</b>	<b>8/24/20</b>	<b>63</b>	<b>6/30/20</b>	<b>64</b>	<b>6/17/20</b>	60	6/22/20	60	6/22/20	60	8/8/20	<b>63</b>	<b>8/8/20</b>	60	7/10/20	<b>61</b>	<b>7/15/20</b>
60	6/22/20	<b>62</b>	<b>8/26/20</b>	<b>62</b>	<b>5/2/20</b>	<b>63</b>	<b>6/22/20</b>	60	6/8/20	60	6/8/20	60	6/8/20	<b>62</b>	<b>6/8/20</b>	60	6/8/20	<b>60</b>	<b>7/8/20</b>
60	7/17/20	<b>62</b>	<b>6/16/20</b>	<b>62</b>	<b>6/16/20</b>	<b>62</b>	<b>8/8/20</b>	60	6/8/20	60	6/8/20	60	6/8/20	<b>62</b>	<b>6/29/20</b>	60	6/8/20	<b>61</b>	<b>7/7/20</b>
		<b>61</b>	<b>6/8/20</b>	<b>62</b>	<b>7/8/20</b>	<b>62</b>	<b>7/5/20</b>	60	7/5/20	60	7/5/20	60	7/5/20	<b>62</b>	<b>7/7/20</b>	60	7/7/20	<b>62</b>	<b>7/7/20</b>
		<b>61</b>	<b>7/8/20</b>	<b>60</b>	<b>7/2/20</b>	<b>61</b>	<b>8/10/20</b>	60	8/10/20	60	8/10/20	60	8/10/20	<b>62</b>	<b>7/9/20</b>	60	7/9/20	<b>62</b>	<b>7/9/20</b>
		<b>60</b>	<b>7/2/20</b>	<b>60</b>	<b>8/14/20</b>	<b>61</b>	<b>8/21/20</b>	60	8/21/20	60	8/21/20	60	8/21/20	<b>61</b>	<b>6/22/20</b>	60	6/22/20	<b>61</b>	<b>6/22/20</b>
		<b>60</b>	<b>7/5/20</b>	<b>60</b>	<b>8/21/20</b>	<b>60</b>	<b>6/18/20</b>	60	6/18/20	60	6/18/20	60	6/18/20	<b>60</b>	<b>7/6/20</b>	60	7/6/20	<b>60</b>	<b>7/17/20</b>
		<b>60</b>	<b>7/25/20</b>	<b>60</b>	<b>8/22/20</b>	<b>60</b>	<b>6/26/20</b>	60	6/26/20	60	6/26/20	60	6/26/20	<b>60</b>	<b>8/22/20</b>	60	8/22/20	<b>60</b>	<b>8/22/20</b>

6/19/20		Muskegon Co. NA		Southeast NA		Southeast NA		Southeast NA		Southeast NA									
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	
88 ppb		74 ppb		80 ppb		88 ppb		85 ppb		64 ppb		73 ppb		69 ppb		84 ppb		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	Value, ppb	Date
72	6/9/20	<b>85</b>	<b>6/18/20</b>	75	6/17/20	64	7/8/20	64	8/26/20	<b>83</b>	<b>6/2/20</b>	<b>78</b>	<b>6/4/20</b>	<b>78</b>	<b>7/9/20</b>	70	6/2/20	<b>72</b>	<b>6/20/20</b>
69	6/18/20	<b>81</b>	<b>6/2/20</b>	74	6/18/20	63	7/15/20	64		<b>83</b>	<b>6/20/20</b>	<b>76</b>	<b>7/9/20</b>	<b>77</b>	<b>6/20/20</b>	69	8/22/20	<b>70</b>	<b>7/17/20</b>
69	6/19/20	<b>77</b>	<b>6/19/20</b>	73	6/19/20	62	6/2/20	62		<b>83</b>	<b>8/26/20</b>	<b>75</b>	<b>6/18/20</b>	<b>76</b>	<b>7/6/20</b>	68	6/17/20	<b>70</b>	<b>8/12/20</b>
<b>68</b>	<b>6/2/20</b>	<b>75</b>	<b>6/17/20</b>	<b>72</b>	<b>6/2/20</b>	<b>62</b>	<b>6/17/20</b>			<b>80</b>	<b>6/19/20</b>	<b>74</b>	<b>6/20/20</b>	<b>74</b>	<b>6/19/20</b>	<b>68</b>	<b>6/20/20</b>	<b>69</b>	<b>7/6/20</b>
65	6/8/20	<b>73</b>	<b>6/20/20</b>	<b>72</b>	<b>7/7/20</b>	62	6/20/20			<b>76</b>	<b>6/18/20</b>	<b>74</b>	<b>7/6/20</b>	<b>72</b>	<b>6/9/20</b>	68	7/6/20	<b>69</b>	<b>7/9/20</b>
65	6/17/20	<b>73</b>	<b>8/26/20</b>	70	6/20/20	61	6/9/20			<b>72</b>	<b>8/24/20</b>	<b>74</b>	<b>7/17/20</b>	<b>71</b>	<b>7/7/20</b>	67	6/9/20	<b>68</b>	<b>6/17/20</b>
61	6/20/20	<b>70</b>	<b>7/25/20</b>	69	7/9/20	61	7/6/20			<b>70</b>	<b>6/4/20</b>	<b>74</b>	<b>8/21/20</b>	<b>70</b>	<b>7/2/20</b>	66	6/19/20	<b>68</b>	<b>6/19/20</b>
60	6/4/20	<b>67</b>	<b>6/4/20</b>	67	6/5/20					<b>70</b>	<b>6/17/20</b>	<b>73</b>	<b>7/7/20</b>	<b>68</b>	<b>6/2/20</b>	65	6/18/20	<b>67</b>	<b>6/2/20</b>
60	6/5/20	<b>66</b>	<b>6/16/20</b>	65	6/29/20					<b>70</b>	<b>7/25/20</b>	<b>72</b>	<b>6/17/20</b>	<b>68</b>	<b>6/4/20</b>	65	7/15/20	<b>67</b>	<b>7/18/20</b>
		<b>66</b>	<b>6/29/20</b>	65	7/8/20					<b>66</b>	<b>6/8/20</b>	<b>72</b>	<b>8/22/20</b>	<b>68</b>	<b>6/17/20</b>	63	6/4/20	<b>66</b>	<b>6/18/20</b>
		<b>66</b>	<b>7/8/20</b>	63	6/4/20					<b>66</b>	<b>7/7/20</b>	<b>71</b>	<b>6/5/20</b>	<b>68</b>	<b>7/15/20</b>	61	7/7/20	<b>66</b>	<b>6/26/20</b>
		<b>65</b>	<b>6/22/20</b>	62	7/3/20					<b>65</b>	<b>6/30/20</b>	<b>71</b>	<b>6/9/20</b>	<b>67</b>	<b>8/22/20</b>	60	7/9/20	<b>66</b>	<b>6/9/20</b>
		<b>64</b>	<b>6/30/20</b>	62	7/6/20					<b>65</b>	<b>7/6/20</b>	<b>69</b>	<b>6/2/20</b>	<b>66</b>	<b>6/22/20</b>	62	8/10/20	<b>62</b>	<b>8/10/20</b>
		<b>63</b>	<b>7/15/20</b>	62	7/15/20					<b>65</b>	<b>7/9/20</b>	<b>67</b>	<b>7/8/20</b>	<b>66</b>	<b>7/8/20</b>	61	7/5/20	<b>61</b>	<b>7/5/20</b>
		<b>63</b>	<b>8/24/20</b>	61	6/16/20					<b>64</b>	<b>6/5/20</b>	<b>66</b>	<b>6/19/20</b>	<b>64</b>	<b>6/16/20</b>	61	7/7/20	<b>61</b>	<b>7/7/20</b>
		<b>62</b>	<b>7/9/20</b>	60	5/2/20					<b>63</b>	<b>6/9/20</b>	<b>65</b>	<b>8/23/20</b>	<b>64</b>	<b>6/18/20</b>	60	6/18/20	<b>61</b>	<b>7/15/20</b>
		<b>61</b>	<b>6/5/20</b>	60	6/22/20					<b>63</b>	<b>6/16/20</b>	<b>64</b>	<b>6/16/20</b>	<b>63</b>	<b>7/14/20</b>	60	6/18/20	<b>61</b>	<b>7/7/20</b>
		<b>61</b>	<b>7/7/20</b>	60	8/26/20					<b>62</b>	<b>7/2/20</b>	<b>63</b>	<b>7/5/20</b>	<b>62</b>	<b>6/5/20</b>	60	6/18/20	<b>61</b>	<b>7/15/20</b>
		<b>61</b>	<b>8/8/20</b>	60	6/16/20					<b>62</b>	<b>7/15/20</b>	<b>63</b>	<b>7/15/20</b>	<b>61</b>	<b>8/10/20</b>	60	6/18/20	<b>61</b>	<b>7/15/20</b>
		<b>61</b>	<b>8/14/20</b>	60	6/22/20					<b>61</b>	<b>6/29/20</b>	<b>63</b>	<b>8/9/20</b>	<b>61</b>	<b>8/20/20</b>	60	6/18/20	<b>61</b>	<b>7/15/20</b>
		<b>60</b>	<b>6/5/20</b>	60	6/22/20					<b>61</b>	<b>7/8/20</b>	<b>63</b>	<b>8/10/20</b>	<b>60</b>	<b>7/5/20</b>	60	6/18/20	<b>61</b>	<b>7/15/20</b>
		<b>60</b>	<b>7/1/20</b>	60	8/26/20														