

1-Hour Nitrogen Dioxide and Average Over 3 Years

updated 7/21/2023

Concentration in ppb

AIRS ID	260650012/18		261130001		261390005		261630019		261630019		261630093		261630094		261360095		261630098		261630099		261630100	
Site	Lansing		Houghton Lake		Jenison		Detroit-SW		Detroit-E 7 Mile		Eliza Howell-NR		Eliza Howell-Downwind		Livonia-NR		DP4th		Trinity		Military Park	
Year	1-Hr	Avg	1-Hr	Avg	1-Hr	Avg	1-Hr	Avg	1-Hr	Avg	1-Hr	Avg	1-Hr	Avg	1-Hr	Avg	1-Hr	Avg	1-Hr	Avg	1-Hr	Avg
2005									59	58												
2006									47	53												
2007									49	52												
2008									49	48												
2009									50	49												
2010	35		8						54	51												
2011	38		10						49	51	59		45									
2012	35	36	9	9					41	48	52		43									
2013	37	37	8	9					41	44	48	53	43	44								
2014	39	37	8	8					52	45	51	50	49	45								
2015	38	38	7	8					45	46	50	50	47	46	48							
2016	38	38	9	8					42.3	46	44	48	40.4	45	41							
2017	36.4	37	7.1	8					42.1	43	43.6	46	39.6	42	36.7	42						
2018	29.9	35	7.7	8			38.5		42.9	42	43.0	44	43.1	41	38.0	39	42.5			35.7		35.2
2019	43.7	37	8.0	8	36.0		38.5				45.4	44			49.0	41	49.6			46.1		47.3
2020	33.0	36	6.4	7	28.2		38.5	42.0			39.1	43					43.6	45	39.9	41	43.2	42
2021	37.6	38	7.3	7			38.5	39	39.6		42.8	42					47.7	47	44	43	47.5	46
2022	36.8	36	7.5	7			46.7	41	38.3		42.7	42					48.2	47	44.2	43	50.8	47

The nitrogen dioxide NAAQS is met when the 98th Percentile of the daily maximum 1-hour concentration averaged over 3 years does not exceed 100ppb.

The nitrogen dioxide NAAQS for the 1-hour average started in 2010.