

## STATUS OF AMBIENT AIR QUALITY OF SUNDER NAGAR

[During 2011-12](#) | [During 2012-13](#) | [During 2013-14](#) | [During 2014-15](#) | [During 2015-16](#) | [During 2016-17](#) | [During 2017-18](#) | [During 2018-19](#)

**During 2018-19**

**Station-1**

**Office Building Sunder Nagar (R)**

Month	SO <sub>2</sub> in µg/m <sup>3</sup>		NO <sub>x</sub> in µg/m <sup>3</sup>		RSPM in µg/m <sup>3</sup>		NH <sub>3</sub> in µg/m <sup>3</sup>		O <sub>3</sub> in µg/m <sup>3</sup>		PM <sub>2.5</sub> µg/m <sup>3</sup>	
	A.M	Annual Standard	A.M	Annual Standard	A.M	Annual Standard	A.M.	Annual Standard	A.M.	8 hour Standard	A.M.	Annual Standard
Apr-18	2.0	50.0	11.4	40.0	70.0	60.0	10.0	100.0	2.9	100.0	--	40.0
May-18	2.0	50.0	10.9	40.0	113.0	60.0	9.13	100.0	5.64	100.0	--	40.0
Jun-18	2.0	50.0	11.4	40.0	93.0	60.0	11.8	100.0	3.32	100.0	--	40.0
Jul-18	2.0	50.0	7.8	40.0	46.0	60.0	11.84	100.0	1.64	100.0	--	40.0
Aug-18	2.0	50.0	6.6	40.0	50.0	60.0	12.59	100.0	2.6	100.0	--	40.0
Sep-18	2.0	50.0	5.9	40.0	32.0	60.0	4.87	100.0	3.48	100.0	22.1	40.0
Oct-18	2.0	50.0	8.3	40.0	63.0	60.0	4.08	100.0	1.19	100.0	34.6	40.0
Nov-18	2.0	50.0	7.9	40.0	83.0	60.0	4.95	100.0	1.09	100.0	50.8	40.0
Dec-18	2.0	50.0	7.0	40.0	100.0	60.0	4.17	100.0	--	100.0	--	40.0
Jan-19	2.0	50.0	5.0	40.0	113.0	60.0	6.3	100.0	--	100.0	--	40.0
Feb-19	2.0	50.0	4.5	40.0	75.0	60.0	5.12	100.0	--	100.0	--	40.0
Mar-19	2.0	50.0	9.3	40.0	77.0	60.0	7.65	100.0	--	100.0	--	40.0

**Station-2**

**MC Office Sunder Nagar (R)**

Month	SO <sub>2</sub> in µg/m <sup>3</sup>		NO <sub>x</sub> in µg/m <sup>3</sup>		RSPM in µg/m <sup>3</sup>		NH <sub>3</sub> in µg/m <sup>3</sup>		O <sub>3</sub> in µg/m <sup>3</sup>		PM <sub>2.5</sub> µg/m <sup>3</sup>	
	A.M	Annual Standard	A.M	Annual Standard	A.M	Annual Standard	A.M.	Annual Standard	A.M.	8 hour Standard	A.M.	Annual Standard
Apr-18	2.0	50.0	10.1	40.0	91.0	60.0	9.0	100.0	3.7	100.0	43.4	40.0
May-18	2.0	50.0	14.4	40.0	117.0	60.0	8.65	100.0	6.13	100.0	45.7	40.0
Jun-18	2.0	50.0	15.3	40.0	113.0	60.0	9.9	100.0	7.7	100.0	44.3	40.0
Jul-18	2.0	50.0	9.2	40.0	60.0	60.0	10.58	100.0	3.08	100.0	33.3	40.0
Aug-18	2.0	50.0	7.7	40.0	50.0	60.0	4.93	100.0	6.26	100.0	33.8	40.0
Sep-18	2.0	50.0	5.8	40.0	42.0	60.0	2.96	100.0	2.96	100.0	28.8	40.0
Oct-18	2.0	50.0	7.7	40.0	80.0	60.0	4.4	100.0	1.75	100.0	36.0	40.0
Nov-18	2.0	50.0	9.8	40.0	103.0	60.0	6.22	100.0	1.09	100.0	73.6	40.0
Dec-18	2.0	50.0	6.8	40.0	86.0	60.0	3.79	100.0	--	100.0	57.2	40.0
Jan-19	2.0	50.0	5.5	40.0	109.0	60.0	4.17	100.0	--	100.0	50.8	40.0
Feb-19	2.0	50.0	4.5	40.0	83.0	60.0	3.37	100.0	--	100.0	53.6	40.0
Mar-19	2.0	50.0	8.1	40.0	80.0	60.0	7.16	100.0	--	100.0	37.6	40.0

**During 2017-18  
Station-1**

**Office Building Sunder Nagar (R)**

Month	SOx		NOx		RSPM	
	A.M	Annual Standard	A.M	Annual Standard	A.M	Annual Standard
Apr-17	2.0	50	8.2	40	69.0	60
May-17	2.0	50	10.4	40	58.0	60
Jun-17	2.0	50	9.3	40	57.0	60
Jul-17	2.0	50	5.9	40	48.0	60
Aug-17	2.0	50	5.7	40	36.0	60
Sep-17	2.0	50	7.9	40	43.0	60
Oct-17	2.0	50	9.6	40	81.0	60
Nov-17	2.0	50	10.7	40	114.0	60
Dec-17	2.0	50	13.7	40	93.0	60
Jan-18	2.0	50	15.1	40	111.0	60
Feb-18	2.0	50	13.4	40	85.0	60
Mar-18	2.0	50	10.5	40	75.0	60

**Station-2**

**MC Office Sunder Nagar (R)**

Month	SOx		NOx		RSPM	
	A.M	Annual Standard	A.M	Annual Standard	A.M	Annual Standard
Apr-17	2.0	50	15.0	40	71.0	60
May-17	2.0	50	13.1	40	74.0	60
Jun-17	2.0	50	13.8	40	66.0	60
Jul-17	2.0	50	7.2	40	62.0	60
Aug-17	2.0	50	7.9	40	41.0	60
Sep-17	2.0	50	7.6	40	57.0	60
Oct-17	2.0	50	10.8	40	96.0	60
Nov-17	2.0	50	11.4	40	135.0	60
Dec-17	2.0	50	14.9	40	108.0	60
Jan-18	2.0	50	15.4	40	125.0	60
Feb-18	2.0	50	13.3	40	100.0	60
Mar-18	2.0	50	10.0	40	87.0	60

During 2016-17

Station-1

Office Building Sunder Nagar (R)

Monthly Average Of Air Data Of Office Building Sunder Nagar-2016-17

Month	SOx		NOx		RSPM	
	A.M	Annual Standard	A.M	Annual Standard	A.M	Annual Standard
Apr-16	2.0	50	13.1	40	77.0	60
May-16	2.0	50	11.2	40	65.0	60
Jun-16	2.0	50	8.5	40	60.0	60
Jul-16	2.0	50	9.8	40	54.0	60
Aug-16	2.0	50	8.7	40	32.0	60
Sep-16	2.0	50	6.6	40	43.0	60
Oct-16	2.0	50	7.9	40	74.0	60
Nov-16	2.0	50	8.3	40	101.0	60
Dec-16	2.0	50	13.9	40	169.0	60
Jan-17	2.0	50	9.9	40	85.0	60
Feb-17	2.0	50	8.4	40	63.0	60
Mar-17	2.0	50	6.9	40	55.0	60

Station-2

MC Office Sunder Nagar (R)

Month	SOx		NOx		RSPM	
	A.M	Annual Standard	A.M	Annual Standard	A.M	Annual Standard
Apr-16	2.0	50	15.8	40	93.0	60
May-16	2.0	50	16.7	40	108.0	60
Jun-16	2.0	50	13.9	40	80.0	60
Jul-16	2.0	50	13.9	40	92.0	60
Aug-16	2.0	50	9.7	40	41.0	60
Sep-16	2.0	50	7.3	40	62.0	60
Oct-16	2.0	50	13.4	40	80.0	60
Nov-16	2.0	50	9.5	40	102.0	60
Dec-16	2.0	50	16.3	40	160.0	60
Jan-17	2.0	50	14.4	40	104.0	60
Feb-17	2.0	50	13.5	40	95.0	60
Mar-17	2.0	50	10.7	40	58.0	60

**During 2015-16  
Station-1**

**Office Building Sunder Nagar (R)**

Monh	SOx in $\mu\text{g}/\text{m}^3$		NOx in $\mu\text{g}/\text{m}^3$		RSPM in $\mu\text{g}/\text{m}^3$	
	A.M	Annual Standard	A.M	A.M	Annual Standard	Standard
Apr-15	2.2	50.0	10.1	40.0	71.0	60.0
May-15	2.1	50.0	7.8	40.0	104.0	60.0
Jun-15	2.0	50.0	8.1	40.0	70.0	60.0
Jul-15	2.0	50.0	5.9	40.0	46.0	60.0
Aug-15	2.0	50.0	8.6	40.0	56.0	60.0
Sep-15	2.0	50.0	7.2	40.0	40.0	60.0
Oct-15	2.0	50.0	7.9	40.0	65.0	60.0
Nov-15	2.1	50.0	10.3	40.0	89.0	60.0
Dec-15	2.0	50.0	12.1	40.0	101.0	60.0
Jan-16	2.0	50.0	14.6	40.0	133.0	60.0
Feb-16	2.0	50.0	10.5	40.0	98.0	60.0
Mar-16	2.0	50.0	9.2	40.0	59.0	60.0

**Station-2**

**MC Office Sunder Nagar (R)**

Month	SOx in $\mu\text{g}/\text{m}^3$		NOx in $\mu\text{g}/\text{m}^3$		RSPM in $\mu\text{g}/\text{m}^3$	
	A.M	Annual Standard	A.M	A.M	Annual Standard	Standard
Apr-15	2.5	50.0	15.3	40.0	85.0	60.0
May-15	2.2	50.0	17.0	40.0	96.0	60.0
Jun-15	2.3	50.0	11.6	40.0	90.0	60.0
Jul-15	2.0	50.0	10.5	40.0	63.0	60.0
Aug-15	2.0	50.0	10.4	40.0	90.0	60.0
Sep-15	2.0	50.0	12.0	40.0	57.0	60.0
Oct-15	2.0	50.0	14.8	40.0	85.0	60.0
Nov-15	2.0	50.0	14.8	40.0	98.0	60.0
Dec-15	2.0	50.0	15.9	40.0	121.0	60.0
Jan-16	2.0	50.0	21.4	40.0	133.0	60.0
Feb-16	2.0	50.0	16.7	40.0	110.0	60.0
Mar-16	2.0	50.0	14.7	40.0	109.0	60.0

**During 2014-15  
Station-1**

**Office Building Sunder Nagar (R)**

Month	SO <sub>2</sub> in µg/ m <sup>3</sup>		NO <sub>x</sub> in µg/ m <sup>3</sup>		RSPM in µg/ m <sup>3</sup>		SPM in µg/ m <sup>3</sup>	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
Apr-14	2.0	2.0	8.8	21.0	69.0	191.4	140.0	222.6
May-14	2.0	2.0	9.8	27.8	73.0	169.7	135.0	219.5
Jun-14	2.0	2.0	9.0	38.5	66.0	110.2	139.0	289.9
Jul-14	2.0	2.0	6.9	20.9	82.0	265.8	53.0	341.1
Aug-14	2.0	4.6	6.6	38.5	84.0	209.5	128.0	271.2
Sep-14	2.4	11.4	8.1	27.3	54.0	160.9	93.0	289.4
Oct-14	2.1	5.7	11.6	22.5	67.0	179.4	96.0	210.2
Nov-14	2.6	6.7	14.3	34.3	73.0	151.3	108.0	254.0
Dec-14	2.0	2.0	15.9	32.7	126.0	185.6	187.0	320.7
Jan-15	2.0	2.0	12.0	36.7	115.0	279.7	176.0	405.1
Feb-15	2.1	5.7	12.7	32.6	81.0	124.6	149.0	241.4
Mar-15	2.1	5.1	8.4	19.3	64.0	135.8	117.0	261.4

**Station-2**

**MC Office Sunder Nagar (R)**

Month	SO <sub>2</sub> in µg/ m <sup>3</sup>		NO <sub>x</sub> in µg/ m <sup>3</sup>		RSPM in µg/ m <sup>3</sup>		SPM in µg/ m <sup>3</sup>	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
Apr-14	--	--	--	--	--	--	--	--
May-14	2.0	2.0	15.5	30.6	84.0	121.2	204.0	550.7
Jun-14	2.0	2.0	17.2	35.0	115.0	359.7	213.0	514.6
Jul-14	2.0	2.0	11.2	32.1	97.0	262.1	72.0	340.9
Aug-14	2.0	2.0	11.4	27.8	86.0	173.9	140.0	267.8
Sep-14	2.4	7.6	14.6	39.4	77.0	172.0	186.0	736.7
Oct-14	2.1	5.7	13.7	35.9	67.0	170.6	140.0	322.5
Nov-14	2.0	2.0	15.1	38.0	106.0	266.3	134.0	325.9
Dec-14	2.1	4.6	15.1	33.2	120.0	199.2	197.0	275.8
Jan-15	2.3	8.0	12.8	29.4	126.0	182.8	206.0	326.0
Feb-15	2.0	4.6	16.5	31.6	83.0	213.9	195.0	435.8
Mar-15	2.1	5.1	11.4	21.4	72.0	190.5	165.0	373.5

**During 2013-14  
Station-1**

**Office Building Sunder Nagar (R)**

Month	SO <sub>2</sub> in µg/ m <sup>3</sup>		NO <sub>x</sub> in µg/ m <sup>3</sup>		RSPM in µg/ m <sup>3</sup>	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
Apr-13	2.0	2.0	10.7	17.0	60.0	238.4
May-13	2.0	2.0	6.0	13.5	86.0	205.5
Jun-13	2.0	2.0	4.7	10.4	68.0	252.3
Jul-13	2.0	2.0	7.8	17.5	49.0	116.3
Aug-13	2.1	4.6	6.3	25.2	51.0	106.8
Sep-13	2.0	5.0	5.6	16.8	40.0	66.9
Oct-13	2.0	2.0	6.7	17.5	61.0	140.9
Nov-13	2.0	2.0	9.4	19.4	77.0	150.9
Dec-13	2.0	2.0	13.4	24.3	106.0	206.8
Jan-14	2.0	4.0	9.9	20.5	89.0	189.1
Feb-14	2.0	2.0	13.3	23.2	87.0	184.0
Mar-14	2.0	2.0	9.2	22.8	78.0	224.1

**Station-2**

**MC Office Sunder Nagar (R)**

Month	SO <sub>2</sub> in µg/ m <sup>3</sup>		NO <sub>x</sub> in µg/ m <sup>3</sup>		RSPM in µg/ m <sup>3</sup>	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
Apr-13	..	..	..	..	..	..
May-13	..	..	..	..	..	..
Jun-13	2.0	2.0	9.8	15.0	118.0	331.0
Jul-13	2.0	2.0	11.2	22.6	69.0	209.1
Aug-13	2.1	4.0	7.0	16.6	68.0	132.5
Sep-13	2.1	6.2	6.6	21.4	53.0	114.6
Oct-13	2.0	2.0	8.6	18.8	73.0	189.4
Nov-13	2.0	4.0	10.0	22.0	90.0	209.8
Dec-13	2.1	7.0	13.4	29.0	120.0	223.7
Jan-14	2.2	5.7	10.5	18.9	85.0	201.1
Feb-14	2.0	2.0	15.9	26.9	96.0	145.0
Mar-14	2.0	2.0	10.6	15.2	128.0	199.4

**During 2012-13  
Station-1**

**Office Building Sunder Nagar (R)**

Month	SO <sub>2</sub> in µg/ m <sup>3</sup>		NO <sub>x</sub> in µg/ m <sup>3</sup>		RSPM in µg/ m <sup>3</sup>	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
Apr-12	2.0	2.0	8.4	22.0	65.0	109.4
May-12	2.0	2.0	9.9	18.8	90.0	216.6
Jun-12	2.0	2.0	5.6	12.9	112.0	295.4
Jul-12	2.0	2.0	5.8	12.7	83.0	178.3
Aug-12	2.0	2.0	6.3	18.1	65.0	141.9
Sep-12	2.0	2.0	8.3	23.9	56.0	108.4
Oct-12	2.0	2.0	7.2	16.3	59.0	114.2
Nov-12	2.0	2.0	9.8	27.9	97.0	305.0
Dec-12	2.0	2.0	7.3	13.7	102.0	250.5
Jan-13	2.0	2.0	9.3	21.0	91.0	241.8
Feb-13	2.0	2.0	9.1	17.3	72.0	204.1
Mar-13	2.0	2.0	8.4	14.7	59.0	116.0

**Station-2**

**MC Office Sunder Nagar (R)**

Month	SO <sub>2</sub> in µg/ m <sup>3</sup>		NO <sub>x</sub> in µg/ m <sup>3</sup>		RSPM in µg/ m <sup>3</sup>	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
Apr-12	2.0	2.0	17.9	28.5	76.0	150.6
May-12	2.0	2.0	14.2	29.5	114.0	262.1
Jun-12	2.0	2.0	11.5	24.0	112.0	187.8
Jul-12	--	--	--	--	--	--
Aug-12	--	--	--	--	--	--
Sep-12	--	--	--	--	--	--
Oct-12	--	--	--	--	--	--
Nov-12	--	--	--	--	--	--
Dec-12	--	--	--	--	--	--
Jan-13	--	--	--	--	--	--
Feb-13	--	--	--	--	--	--
Mar-13	--	--	--	--	--	--

During 2011-12

**Station-1**

**OFFICE BUILDING SUNDER NAGAR (R)**

Month	SO <sub>2</sub> in µg/ m <sup>3</sup>		NO <sub>x</sub> in µg/ m <sup>3</sup>		RSPM in µg/ m <sup>3</sup>	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
Apr-11	2.0	6.6	7.1	29.3	74.0	235.6
May-11	2.0	11.0	6.2	17.5	76.0	155.9
Jun-11	2.0	7.7	5.4	21.2	54.2	153.4
Jul-11	2.0	5.4	4.5	11.0	39.1	85.6
Aug-11	2.0	2.0	4.5	4.5	32.0	114.2
Sep-11	2.0	2.0	4.5	4.5	33.0	66.2
Oct-11	2.0	2.0	5.8	13.4	63.0	368.8
Nov-11	2.0	2.0	7.4	20.2	77.0	185.0
Dec-11	2.0	2.0	4.9	9.3	73.0	178.6
Jan-12	2.0	2.0	4.5	4.5	63.0	124.8
Feb-12	2.0	2.0	10.5	21.2	87.0	238.2
Mar-12	2.0	2.0	13.4	34.6	134.0	480.2

**Station-2**

**MC OFFICE BUILDING SUNDER NAGAR (R)**

Month	SO <sub>2</sub> in µg/ m <sup>3</sup>		NO <sub>x</sub> in µg/ m <sup>3</sup>		RSPM in µg/ m <sup>3</sup>	
	M. Avg.	Peak	M. Avg.	Peak	M. Avg.	Peak
Apr-11	--	--	--	--	--	--
May-11	--	--	--	--	--	--
Jun-11	--	--	--	--	--	--
Jul-11	--	--	--	--	--	--
Aug-11	--	--	--	--	--	--
Sep-11	--	--	--	--	--	--
Oct-11	--	--	--	--	--	--
Nov-11	2.0	2.0	17.5	23.9	119.0	209.7
Dec-11	2.0	2.0	15.0	18.2	111.0	189.7
Jan-12	2.0	2.0	13.8	16.8	75.0	135.7
Feb-12	2.0	2.0	11.7	23.7	89.0	241.8
Mar-12	2.1	4.8	16.5	39.3	134.0	496.6

**A.S. = Annual Standard**

**A.M. = Arithmetic Mean**