

Figure 5.1.1: Map of Goa showing the Ambient Air Quality Monitoring Stations under the National Air Monitoring Programme (NAMP)



AMBIENT AIR QUALITY DATA

Table 5-a Station : Panaji

Month	RSPM µg/m ³	SPM µg/m ³	NO ₂ µg/m ³	SO ₂ µg/m ³
Apr-13	46.0	88.0	11.0	7.0
May-13	30.0	61.0	14.0	4.0
Jun-13	34.8	70.8	14.2	5.2
Jul-13	18.0	40.0	10.0	9.0
Aug-13	21.0	52.0	9.0	BDL
Sep-13	30.0	70.0	BDL	8.0
Oct-13	33.0	74.0	BDL	9.0
Nov-13	59.0	121.0	BDL	4.0
Dec-13	71.0	99.0	BDL	6.0
Jan-14	67.0	100.6	9.0	BDL
Feb-14	56.2	99.7	BDL	BDL
Mar-14	56.0	81.3	BDL	BDL

Table 5-b Station : Fuse Call Office,Vasco

Month	RSPM	SPM	NO ₂	SO ₂
	µg/m ³	µg/m ³	µg/m ³	µg/m ³
Apr-13	48.0	90.0	12.0	7.0
May-13	40.0	70.0	12.0	BDL
Jun-13	48.0	78.0	13.0	5.0
Jul-13	35.0	64.0	9.0	8.0
Aug-13	29.0	56.0	11.0	5.0
Sep-13	26.0	44.0	12.0	10.0
Oct-13	35.0	63.0	9.0	11.0
Nov-13	50.0	85.0	9.0	4.0
Dec-13	57.0	103.0	BDL	12.0
Jan-14	64.0	116.0	BDL	BDL
Feb-14	57.8	110.9	BDL	4.0
Mar-14	43.9	86.0	9.0	BDL

Table 5-c Station : Nr. Fire Brigade Station-MPT,Vasco

Month	RSPM	SPM	NO ₂	SO ₂
	µg/m ³	µg/m ³	µg/m ³	µg/m ³
Apr-13	72.0	164.0	12.0	8.0
May-13	59.0	126.0	12.0	4.0
Jun-13	49.0	112.0	12.0	5.0
Jul-13	25.0	55.0	9.0	8.0
Aug-13	25.0	52.0	10.0	5.0
Sep-13	34.0	66.0	12.0	9.0
Oct-13	43.0	96.0	11.0	11.0
Nov-13	60.0	112.0	8.0	4.0
Dec-13	90.0	137.0	10.0	7.0
Jan-14	79.0	125.0	BDL	BDL
Feb-14	72.8	166.8	BDL	4.2
Mar-14	56.9	121.9	BDL	BDL

Table 5-d Station : Assanora

Month	RSPM	PM2.5	NO ₂	SO ₂
	µg/m ³	µg/m ³	µg/m ³	µg/m ³
Apr-13	52.8	28.1	12.7	6.8
May-13	58.1	26.1	12.9	7.4
Jun-13	39.2	21.5	12.4	6.8
Jul-13	37.5	17.8	11.3	6.1
Aug-13	43.6	19.0	11.0	5.7
Sep-13	41.4	16.5	10.2	5.5
Oct-13	56.9	21.6	11.4	6.3
Nov-13	48.8	17.2	12.7	5.8
Dec-13	62.2	22.8	11.8	6.0
Jan-14	65.0	22.4	11.8	5.8
Feb-14	56.6	19.2	11.5	5.8
Mar-14	61.1	21.3	11.5	5.7

Table 5-e Station : Amona

Month	RSPM	PM2.5	NO ₂	SO ₂
	µg/m ³	µg/m ³	µg/m ³	µg/m ³
Apr-13	57.7	27.6	13.8	7.7
May-13	56.6	24	13.0	7.5
Jun-13	51.1	20	13.0	7.3
Jul-13	46.8	19.8	13.0	7.2
Aug-13	53.5	21.5	11.2	5.6
Sep-13	42.0	17.2	10.1	4.7
Oct-13	65.7	26.8	11.2	5.8
Nov-13	47.8	18.5	10.9	5.3
Dec-13	61.3	24.9	11.1	5.6
Jan-14	77.6	27.0	12.4	5.9
Feb-14	58.3	20.5	12.0	6.0
Mar-14	53.0	18.7	12.4	5.7

Table 5-f Station : Bicholim

Month	RSPM	PM2.5	NO ₂	SO ₂
	µg/m ³	µg/m ³	µg/m ³	µg/m ³
Apr-13	66.4	30.8	13.8	8.0
May-13	62.9	28.0	13.5	7.8
Jun-13	50.9	23.0	13.1	7.3
Jul-13	40.1	18.7	12.4	6.5
Aug-13	45.4	18.5	11.3	5.8

Sep-13	47.1	19.0	10.4	5.2
Oct-13	36.8	14.1	11.0	5.8
Nov-13	42.7	15.3	10.8	5.2
Dec-13	59.7	23.5	11.3	5.4
Jan-14	44.9	16.9	11.8	5.8
Feb-14	43.7	15.8	11.2	5.5
Mar-14	51.6	18.4	11.2	5.5

Table 5-g Station : Codli

Month	RSPM	PM2.5	NO ₂	SO ₂
	μ g/m ³	μ g/m ³	μ g/m ³	μ g/m ³
Apr-13	50.9	23.8	12.7	7.2
May-13	50.0	23.4	12.8	7.4
Jun-13	30.0	14.8	12.6	7.1
Jul-13	33.4	14.6	11.6	5.7
Aug-13	34.6	15.8	10.9	5.7
Sep-13	39.4	16.0	21.0	5.2
Oct-13	38.4	16.1	10.8	5.5
Nov-13	40.8	15.4	10.0	5.2
Dec-13	57.4	22.2	11.0	5.4
Jan-14	52.6	18.6	11.6	5.8
Feb-14	65.8	21.9	11.4	5.6
Mar-14	58.5	21.2	11.7	5.7

Table 5-h Station : Curchorem

Month	RSPM	PM2.5	NO ₂	SO ₂
	μ g/m ³	μ g/m ³	μ g/m ³	μ g/m ³
Apr-13	65.8	28.1	13.8	7.5
May-13	55.2	24.7	13.3	7.5
Jun-13	41.5	19.6	12.7	6.9
Jul-13	41.2	16.1	11.7	5.5
Aug-13	39.3	16.0	11.4	5.7
Sep-13	37.5	14.7	10.8	5.1
Oct-13	44.3	19.7	11.3	5.8
Nov-13	45.5	18.0	10.9	5.4
Dec-13	58.5	20.4	11.0	5.4
Jan-14	67.4	24.3	11.7	5.7
Feb-14	57.0	20.3	11.5	5.7
Mar-14	57.0	20.9	11.6	5.7

Table 5-i Station : Honda

Month	RSPM	PM2.5	NO ₂	SO ₂
	μ g/m ³	μ g/m ³	μ g/m ³	μ g/m ³
Apr-13	60.6	29.1	12.9	7.4
May-13	67.7	25.2	13.4	7.9
Jun-13	47.4	21.2	13.6	8.0
Jul-13	35.8	15.7	12.2	6.3
Aug-13	46.7	19.8	11.0	6.0
Sep-13	37.9	16.5	10.3	5.4
Oct-13	42.1	17.6	11.2	5.6
Nov-13	49.0	19.8	10.6	5.0
Dec-13	52.0	19.5	11.0	5.4
Jan-14	48.7	17.0	11.4	5.6
Feb-14	44.5	15.9	12.7	5.1
Mar-14	44.8	16.0	11.7	5.6

Table 5-j Station : Kundaim Industrial Estate

Month	RSPM	PM2.5	NO ₂	SO ₂
	μ g/m ³	μ g/m ³	μ g/m ³	μ g/m ³
Apr-13	50.9	23.8	12.7	7.2
May-13	50.0	23.4	12.8	7.4
Jun-13	30.0	14.8	12.6	7.1
Jul-13	33.4	14.6	11.6	5.7
Aug-13	34.6	15.8	10.9	5.7
Sep-13	39.4	16.0	21.0	5.2
Oct-13	38.4	16.1	10.8	5.5
Nov-13	40.8	15.4	10.0	5.2
Dec-13	61.4	23.0	11.8	6.2
Jan-14	65.0	22.8	11.8	5.8
Feb-14	71.2	24.8	11.9	5.9

Mar-14	70.0	24.1	12.7	6.3
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Table 5-k Station : Mapusa

Month	RSPM	PM2.5	NO ₂	SO ₂
	μ g/m ³	μ g/m ³	μ g/m ³	μ g/m ³
Apr-13	73.7	31.7	12.7	10.7
May-13	75.6	32.3	12.8	10.8
Jun-13	43.6	20.2	12.8	10.8
Jul-13	33.9	14.3	12.9	10.8
Aug-13	38.0	16.1	12.9	10.8
Sep-13	45.7	20.6	13.2	11.0
Oct-13	56.9	22.4	12.2	10.0
Nov-13	68.1	23.6	12.3	10.0
Dec-13	66.5	26.8	11.9	9.6
Jan-14	65.7	29.2	11.7	9.5
Feb-14	63.3	30.0	11.0	8.8
Mar-14	66.0	30.1	11.0	8.9

Table 5-l Station : Margao

Month	RSPM	PM2.5	NO ₂	SO ₂
	μ g/m ³	μ g/m ³	μ g/m ³	μ g/m ³
Apr-13	70.9	29.9	12.9	7.3
May-13	78.9	26.4	12.7	6.8
Jun-13	57.0	22.4	12.4	7.0
Jul-13	47.7	19.8	12.2	6.1
Aug-13	54.4	20.6	11.3	6.2
Sep-13	40.7	17.3	10.5	5.7
Oct-13	43.2	16.6	10.9	5.4
Nov-13	44.4	20.5	10.3	5.3
Dec-13	52.1	21.5	11.0	5.4
Jan-14	66.2	24.1	13.0	5.8
Feb-14	57.8	19.7	11.6	5.7
Mar-14	62.3	22.5	11.7	5.7

Table 5-m Station : Ponda

Month	RSPM	PM2.5	NO ₂	SO ₂
	μ g/m ³	μ g/m ³	μ g/m ³	μ g/m ³
Apr-13	70.6	27.5	13.1	6.7
May-13	57.9	24.6	12.5	6.7
Jun-13	38.7	18.2	12.1	6.5
Jul-13	42.9	17.5	11.2	5.6
Aug-13	41.9	16.9	11.3	5.9
Sep-13	38.2	14.8	10.6	5.1
Oct-13	34.7	13.9	10.9	5.3
Nov-13	45.7	16.1	10.2	4.9
Dec-13	50.1	20.2	10.8	5.2
Jan-14	51.0	19.3	12.1	5.8
Feb-14	56.9	21.3	11.3	5.5
Mar-14	70.3	22.8	11.3	5.4

Table 5-n Station : Sanguem

Month	RSPM	PM2.5	NO ₂	SO ₂
	μ g/m ³	μ g/m ³	μ g/m ³	μ g/m ³
Apr-13	63.0	27.3	13.2	7.7
May-13	56.2	24.5	13.2	7.4
Jun-13	42.6	20.5	12.1	6.7
Jul-13	39.3	20.8	11.8	6.4
Aug-13	53.5	18.7	11.9	5.7
Sep-13	39.2	17.8	10.9	5.2
Oct-13	35.9	14.1	10.8	5.7
Nov-13	53.5	18.4	10.4	5.1
Dec-13	55.7	21.7	11.0	5.3
Jan-14	55.2	18.4	11.5	5.6
Feb-14	45.8	15.3	11.4	5.5
Mar-14	49.7	17.4	11.3	5.4

Table 5-o Station : Tilamol-Quepem

Month	RSPM	PM2.5	NO ₂	SO ₂
	μ g/m ³	μ g/m ³	μ g/m ³	μ g/m ³
Apr-13	61.1	27.5	13.2	7.9

May-13	65.0	25.3	12.8	7.2
Jun-13	49.5	20.9	13.3	7.8
Jul-13	42.1	17.5	11.4	5.8
Aug-13	43.7	16.9	11.1	5.5
Sep-13	42.7	16.0	10.3	5.2
Oct-13	32.9	12.7	11.0	5.8
Nov-13	37.6	15.8	10.7	5.3
Dec-13	48.3	18.3	10.9	5.2
Jan-14	42.9	14.7	11.8	5.8
Feb-14	33.5	11.7	11.3	5.4
Mar-14	72.6	24.6	11.5	5.7

Table 5-p Station : Usgaon

Month	RSPM	PM2.5	NO ₂	SO ₂
	μ g/m ³	μ g/m ³	μ g/m ³	μ g/m ³
Apr-13	62.2	28.5	13.3	6.9
May-13	63.7	26.1	12.5	7.2
Jun-13	44.9	19.3	12.0	6.4
Jul-13	40.5	17.4	12.2	6.4
Aug-13	39.4	17.5	11.0	5.7
Sep-13	47.1	18.6	10.3	5.2
Oct-13	50.5	19.3	11.1	5.6
Nov-13	46.5	17.4	10.5	5.2
Dec-13	60.0	22.1	11.1	5.3
Jan-14	53.8	20.3	11.9	5.8
Feb-14	56.5	19.6	11.6	5.7
Mar-14	52.9	18.3	11.4	5.6