

JHARKHAND STATE POLLUTION CONTROL BOARD
REGIONAL OFFICE –CUM – LABORATORY
MB- 15 NEW HOUSING COLINY
ADITYAPUR, JAMSHEDPUR

Ambient Air Quality Data entered in Environmental Data Bank

| Station code | Sampling date: | Area class: | City | State name | 4-Hourly value of SO2 | 4-Hourly value of SO2 | 4-Hourly value of SO2 | 4-Hourly value of SO2 | 4-Hourly value of SO2 | 4-Hourly value of SO2 | 4-Hourly value of NO2 | 4-Hourly value of NO2 | 4-Hourly value of NO2 | 4-Hourly value of NO2 | 4-Hourly value of NO2 | 8-Hourly value of RSPM | 8-Hourly value of RSPM | 8-Hourly value of RSPM | 8-Hourly value of SPM | 8-Hourly value of SPM | 8-Hourly value of SPM | |
|--------------|----------------|-------------|------|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|--------|
| 351 | 02.04.08 | Ind.Ar. | JSR. | Jharkhand | 42-82 | 47-14 | 35-3 | 27-77 | 37-26 | 43-31 | 53-85 | 62-83 | 46-29 | 38-84 | 51-58 | 65-47 | 173-15 | 192-19 | 152-23 | 239-5 | 278-72 | 248-13 |
| 351 | 04.04.08 | Ind.Ar. | JSR. | Jharkhand | 34-53 | 28-35 | 30-7 | 44-48 | 48-24 | 41-6 | 52-91 | 40-1 | 47-1 | 53-88 | 64-15 | 68-15 | 193-95 | 212-1 | 155-55 | 233-58 | 282-01 | 250-68 |
| 351 | 07.04.08 | Ind.Ar. | JSR. | Jharkhand | 38-19 | 45-13 | 34-14 | 29-51 | 47-45 | 50-92 | 47-61 | 59-52 | 41-32 | 35-08 | 64-81 | 70-76 | 168-36 | 211-23 | 148-85 | 225-66 | 283-01 | 256-93 |
| 351 | 11.04.08 | Ind.Ar. | JSR. | Jharkhand | 27-96 | 39-35 | 42-82 | 32-89 | 45-5 | 40-5 | 41-97 | 54-89 | 61-4 | 50-92 | 59-52 | 58-2 | 171-07 | 190-07 | 165-97 | 234-29 | 256-94 | 218-04 |
| 351 | 15.04.08 | Ind.Ar. | JSR. | Jharkhand | 35-08 | 31-79 | 42-76 | 37-82 | 27-19 | 31-62 | 48-87 | 46-29 | 57-64 | 52-91 | 38-84 | 62-83 | 163-73 | 214-75 | 159-66 | 235-95 | 281-17 | 227-88 |
| 351 | 17.04.08 | Ind.Ar. | JSR. | Jharkhand | 30-7 | 38-77 | 45-13 | 47-14 | 27-41 | 23-14 | 39-68 | 51-58 | 56-87 | 61-4 | 38-22 | 33-83 | 167 | 208-84 | 199-89 | 240-53 | 266-38 | 256-99 |
| 351 | 21.04.08 | Ind.Ar. | JSR. | Jharkhand | 35-36 | 26-37 | 41-66 | 46-05 | 36-18 | 45-13 | 43-63 | 40-34 | 51-37 | 58-27 | 45-63 | 65-47 | 175-77 | 198-77 | 148-32 | 254-41 | 280-54 | 260-26 |
| 351 | 24.04.08 | Ind.Ar. | JSR. | Jharkhand | 38-19 | 46-29 | 42-82 | 53-24 | 33-44 | 43-31 | 50-75 | 57-64 | 53-88 | 65-16 | 45-63 | 44-73 | 168-37 | 193-52 | 152-37 | 237-75 | 272-75 | 259-61 |
| 351 | 28.04.08 | Ind.Ar. | JSR. | Jharkhand | 39-35 | 43-85 | 35-3 | 40-57 | 30-67 | 50-92 | 49-49 | 57-53 | 43-85 | 60-84 | 44-31 | 65-47 | 149-3 | 175-47 | 158-57 | 228-52 | 268-6 | 279-82 |
| 382 | 03.04.08 | Ind.Ar. | JSR. | Jharkhand | 30-7 | 44-56 | 27-77 | 35-08 | 49-76 | 38-92 | 47-65 | 52-63 | 41-66 | 50-92 | 60-15 | 58-58 | 156-63 | 187-6 | 169-54 | 224-39 | 279-51 | 241-07 |
| 382 | 05.04.08 | Ind.Ar. | JSR. | Jharkhand | 32-34 | 38-77 | 27-77 | 38-49 | 43-85 | 31-25 | 48-95 | 51-37 | 39-47 | 57-53 | 62-16 | 41-35 | 159-37 | 180-72 | 175-71 | 270-03 | 288-16 | 240-91 |
| 382 | 09.04.08 | Ind.Ar. | JSR. | Jharkhand | 34-72 | 41-66 | 36-73 | 27-77 | 32-4 | 44-4 | 48-24 | 54-23 | 46-29 | 41 | 52-63 | 61-5 | 157-36 | 190-51 | 171-7 | 222-32 | 276-51 | 253-44 |
| 382 | 12.04.08 | Ind.Ar. | JSR. | Jharkhand | 29-05 | 39-93 | 43-4 | 45-5 | 30-7 | 36-45 | 44-48 | 53-57 | 55-76 | 62-83 | 50-92 | 86-87 | 134-05 | 204-71 | 189-73 | 221-37 | 248-1 | 227-09 |
| 382 | 16.04.08 | Ind.Ar. | JSR. | Jharkhand | 37-61 | 23-57 | 41-68 | 33-44 | 28-5 | 45-71 | 42-6 | 38-35 | 54-51 | 51-58 | 41-66 | 63-49 | 172-64 | 205-06 | 140-97 | 231-06 | 272-58 | 249-19 |
| 382 | 19.04.08 | Ind.Ar. | JSR. | Jharkhand | 36-73 | 45-71 | 34-53 | 48-61 | 30-7 | 42-82 | 42-28 | 54-51 | 43-85 | 60-15 | 42-98 | 54-23 | 161-97 | 219-6 | 143-24 | 228-53 | 264-04 | 232-07 |
| 382 | 22.04.08 | Ind.Ar. | JSR. | Jharkhand | 30-09 | 38-19 | 31-79 | 47-45 | 41-08 | 43-98 | 39-47 | 51-58 | 43-65 | 57-64 | 61-4 | 68-12 | 153-06 | 175-54 | 168-69 | 233-61 | 275-32 | 258-15 |
| 382 | 25.04.08 | Ind.Ar. | JSR. | Jharkhand | 34-72 | 45-71 | 37-23 | 41-66 | 47-69 | 28-5 | 43-85 | 59-52 | 47-61 | 55-55 | 64-15 | 40-34 | 171-31 | 192-79 | 225-17 | 282-17 | 281-01 | 246-63 |
| 382 | 29.04.08 | Ind.Ar. | JSR. | Jharkhand | 30-7 | 42-24 | 48-61 | 45-13 | 34-53 | 52-66 | 46-95 | 56-87 | 57-64 | 64-15 | 50-92 | 66-41 | 155-99 | 186-98 | 176-46 | 289-41 | 254-56 | 274-22 |

Analyst.

Scientist Incharge

Regional Officer

TABLE – C
JHARKHAND STATE POLLUTION CONTROL BOARD, REGIONAL OFFICE, JAMSHEDPUR

1. Name of the city : Jamshedpur Temp : Average Temperature
 2. Name of the Station : Bestupur Vehicle Testing Centre Rh : Average relative Humidity
 3. Name of the Month : April,2008 Wsd : Average Wind speed & direction Km/Hr.

| Sl. No | Date | METEOROLOGICAL INFORMATION | | | | | | | | | | | | | | | | | | remarks |
|--------|----------|----------------------------|-----|---------------|---------|-----|---------------|--------|-----|---------------|---------|-----|---------------|---------|------|---------------|--------|-----|---------------|-----------------|
| | | 6 to 10 | | | 10 to 2 | | | 2 to 6 | | | 6 to 10 | | | 10 to 2 | | | 2 to 6 | | | |
| | | Temp. | Rh. | wsd | Temp. | Rh. | wsd | Temp. | Rh. | wsd | Temp. | Rh. | wsd | Temp. | Rh. | wsd | Temp. | Rh. | wsd | |
| 1 | 02.04.08 | 22.75 | 69 | .925/ WWS | 30 | 58 | 1.175/ WWS | 33.37 | 47 | 1.325/ WWS | 28 | 53 | 1/ SSW | 24.5 | 68.8 | 0.75/ WWS | 20.87 | 80 | 1.05/ WWS | Clear |
| 2 | 04.04.08 | 25 | 79 | .925/ WWS | 31.75 | 64 | .95/ SSW | 34.75 | 59 | .8/ SSW | 28.75 | 69 | 1.075/ WWS | 22.5 | 85.3 | .825/ WWS | 20 | 86 | 1.5/ SSW | Clear Cloudy |
| 3 | 07.04.08 | 25 | 72 | 1.125/ SSW | 32 | 57 | .775/ WWS | 35 | 48 | 1.425/ SSW | 29 | 66 | 1.00/ WWS | 24 | 81 | .875/ SSW | 21 | 84 | .675/ SSW | Clear |
| 4 | 11.04.08 | 27 | 74 | 1.95/ WWS | 34 | 56 | 3.025/ WWS | 39 | 43 | 2.675/ SSW | 31 | 57 | 1.8/ WWS | 23 | 71 | 1.725/ SSW | 20 | 85 | 1.8/ WWS | Clear |
| 5 | 15.04.08 | 26 | 74 | 1.6/ SSE | 36 | 55 | 1.225/ EES | 40 | 43 | 1.575/ WWS | 32 | 52 | 2.175/ SSE | 26 | 77 | 1.7/ EES | 22 | 84 | 1.625/ SSW | Clear |
| 6 | 17.04.08 | 27 | 77 | 1.525/ SSW | 37 | 58 | 1.225/ WWS | 39 | 42 | 1.65/ EES | 31 | 50 | 1.675/ WWS | 26 | 70.5 | 1.55/ SSW | 23 | 85 | 1.45/ WWS | Clear Cloudy |
| 7 | 21.04.08 | 29 | 68 | 1.15/ SSW | 37 | 54 | .675/ WWS | 41 | 39 | .725/ SSW | 35 | 41 | 1.025/ SSW | 28 | 64 | .975/ WWS | 25 | 77 | 1.05/ SSW | Clear |
| 8 | 24.04.08 | 29 | 63 | 1.0/ SSW | 38 | 47 | 1.1/ WWS | 42 | 34 | 1.775/ WWS | 36 | 41 | 1.15/ SSW | 31 | 68 | 1.275/ SSW | 26 | 74 | 1.275/ WWS | Clear |
| 9 | 28.04.08 | 33 | 57 | .575/ WWS | 41 | 39 | 1.15/ SSW | 41 | 31 | 1.175/ SSW | 35 | 40 | 1.525/ SSW | 29 | 62 | .925/ SSE | 26 | 72 | 1.1/ SSE | |

Wind pattern / dust storm/ cyclone/ large wsd variation colm condition.

(Satya Prakash)
S.A

(R.N. Chaudhary)
Regional Officer

**JHARKHAND STATE POLLUTION CONTROL BOARD, REGIONAL OFFICE –CUM- LABORATORY
MB/15, NEW HOUSING COLONY ADITYAPUR , JAMSHEDPUR**

TABLE 1 - FORMATE FOR SENDIGR INFORMATION REGARDING AMBIENT AIR QUALITY MONITORING STATION

| Sl. N O | Complit Mailling Address Of Monitoring Station | Type of Station* | Station Code | Weat her in operating of niinoperating if operaring date since operating. If not operating reasone for nonoperation and date since nonoperating | Lattitude, longitue and beinght above mean sea level. | Hight above ground where nstrument is located and distance from nearest road. | Wheather sampling is in free flow of air or any obsertruction is present. | Major sources air pollution near the monitoring site..... (a) Type of industries near site (with distance) (b) Vehicle dencity. (c) Natural sources (d) Commercial activities such as D.G. Sets etc. | Remarks |
|---------|---|------------------|--------------|---|---|---|---|--|---------|
| 1 | Vehicle Testin Centre BISTUPUR Jharchand state Pollution Control Board MB/15, New Housing Colony Adityapur. Jamshedpur , Jharkhand | I | 351 | JUNE 2003 | 22.47 NORTH 86.12 EAST AND 159 MTRS | HIGHT 10 ft DISTANCE 10 ft | No Obstruction | (a) Automobile & intigrated iron and steel industries Aprox 5 KM & 2 KM (b) ½ (c) Nill (d) yes. | |
| 2 | Vehicle Testin Centre GOLMURI Jharchand state Pollution Control Board MB/15, New Housing Colony Adityapur. Jamshedpur , Jharkhand | I | 382 | JUNE 2003 | 22.47 NORTH 86.12 EAST AND 159 MTRS | HIGHT 12 ft DISTANCE 40 ft | No Obstruction | (a) Automobile & intigrated iron and steel industries Aprox 3 KM & 4 KM (b) ½ (c) Nill (d) yes. | |
| 3 | JUGSALAI MUNICIPALITY Jharchand state Pollution Control Board MB/15, New Housing Colony Adityapur. Jamshedpur , Jharkhand | I | 173 | Non operation due to facility not available. | 22.47 NORTH 86.12 EAST AND 159 MTRS | | | | |

Kindly fill in " R" For residential, Rural & Other Areas, "I" For Industrial Area, "S" For S" For sensitive area (Kindly mestion the reason for which station is declared sensiteve.

(Satya Prakash)

(R.N. Chaudhary)

S.A.

Regional Officer

Bill for Ambient Air Quality Monitored by Jharkhand State Pollution Control Board

Name of the City : Jamshedpur

Name of the State : Jharkhand

| Sl. No | Sampling Location | Station Type | Station Code | Month | Year | Parameters Monitoted | Remarks |
|--------|---------------------------------|--------------|--------------|-------|------|---|-----------|
| 01 | Bistupur Vehicle Testing Centre | I | 351 | April | 2008 | SO ₂ , NO ₂ RSPM, & TSPM | Work Done |
| 02 | Golmuri Vehicle Testing Centre | I | 382 | April | 2008 | SO ₂ , NO ₂ RSPM, & TSPM | Work Done |

* Kindly fill in "R" if station falls in residential area , 'I' if station falls in Industrial Area 'S' if station falls in sensitive area.

Total Number of monitored station = Two

Amount to be released = RS. 12306=66

IN WORDS (Rupees twelve thousand three hundred six and paise sixtysix only)

(Satya Prakash)
S.A

(R.N Chaudhary)
Regional Officer

