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GOVERNMENT OF ASSAM

ENVIRONMENT AND FOREST DEPARTMENT

DISPUR, GUWAHATI-6

Email : [environmentforestassam@gmail.com](mailto:environmentforestassam@gmail.com)

No.ECF 347890/94

Dated Dispur, the 29<sup>th</sup> September, 2023

From : Smti Neera Daulagupu, ACS  
Secretary to the Govt. of Assam  
Environment and Forest Department

To : The Consultant (Judicial)  
National Green Tribunal (PB)  
Email : [judicial-ngt@gov.in](mailto:judicial-ngt@gov.in)

Sub : Submission of compliance report of the state Assam in Order dated 09/03/2022 passed by Hon'ble NGT (PB) in O.A. No. 178/2022 in the matter of News item published in the Hindu dated 27.02.2022 titled "Tourism has brought economic prosperity to the Himalayan region, but the environmental cost has been catastrophic"-reg.

Ref : Your email dated 04/09/2023

Sir,

With reference to the above, I am directed to submit herewith the compliance report of the state Assam in Order dated 09/03/2022 passed by Hon'ble NGT (PB) in O.A. No. 178/2022 in the matter of News item published in the Hindu dated 27.02.2022 titled "Tourism has brought economic prosperity to the Himalayan region, but the environmental cost has been catastrophic" for your kind necessary action.

Enclosures: As above.

Yours faithfully,

**Signed by Neera Daulagupu**

**Date: 29-09-2023 15:40:25**

Secretary to the Govt. of Assam

Environment & Forest Department

Memo No.ECF 347890/94-A

Dated Dispur, the 29<sup>th</sup> September, 2023

Copy to:

1. Nameeta Prasad, Joint Secretary, Govt. of India, Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003 with reference to the D.O. No.33/01/2023-CS-I dated 17/07/2023(email : [nameeta.prasad@gov.in](mailto:nameeta.prasad@gov.in)).

By order etc.,

**e-signed**

Secretary to the Govt. of Assam  
Environment & Forest Department

**Compliance report of the Govt. of Assam in Order dated 09/03/2022 passed in O.A. No. 178/2022 in the matter of News item published in the Hindu dated 27.02.2022 titled "Tourism has brought economic prosperity to the Himalayan region, but the environmental cost has been catastrophic"**

**A. Mitigation measures being undertaken in Kaziranga National Park to offset the adverse impact of tourism activities on the Environment- a literature review**

1. Ecotourism studies have noted social impacts like empowering vulnerable groups, particularly women, and heightened environmental awareness, emphasizing the importance of conservation and reducing human interference in the natural environment(Cabral and Dhar 2020). Tourism and its associated activities generate significant benefits, including income, that can balance out the losses incurred due to animal raids, offering the potential to shift people's negative perceptions towards conservation and resolve potential conflicts in Kaziranga (Das 2015). The primary environmental impact of ecotourism lies in the conservation of flora and fauna in protected areas, and the success of such endeavours depends on meeting two conditions: ensuring that the benefits from preserving these natural resources exceed the overall costs and obtaining social benefits, including direct income(Batta 2006).

2. Several studies have highlighted the efforts made to lead the way to sustainable eco-tourism in Kaziranga. The Park's Management Authority has made efforts to engage with local villagers, as well as various community organizations such as the Kaziranga Development and Jeep Safari Association, the local Hoteliers Association, PariveshSamannay Samiti, a prominent and influential Villagers Association, and other local NGOs to support the promotion of ecotourism within the park(Hussain 2021).

3. Kaziranga National Park has been organising annual training for naturalists. Tourists have attributed greater credit to the administration of Kaziranga National Park in terms of literature availability, guiding quality, and management, while the scientific and educational value of a national park can be assessed by quantifying its distinctiveness in terms of both geological and ecological diversities(Chakrabarty 2019).

4. Local residents in Kaziranga actively involved not only in safari activities but also participate in various cultural pursuits. This allows tourists to immerse themselves in indigenous culture, and the engaged community members can be motivated to safeguard their valuable heritage(Hussain 2021). Ecotourism entails the preservation of local culture and offers a chance for cultural and social exchange with the global

community. Through active involvement of the local community, ecotourism not only has the potential to boost the income of stakeholders in KNP but also serves as an incentive for them to protect the natural resources(Hussain 2021).

5. A study aimed to understand the effects of social media advertising in Malaysia recommended that promoting ecotourism through social media advertisements positively influenced the aspects of "Perceived ease of use" and "Perceived usefulness," particularly in terms of their informativeness and service functionality. This, in turn, contributes to the intended behaviour of engaging with social media ecotourism advertisements(Ulfy et al. 2021). Kaziranga National Park over the years has a robust social media profile on Facebook and X (formerly Twitter). This helps disseminate rules, regulations and expected behaviour as a sustained educational platform. Promoting effective communication and cooperation among village councils, community members, and local government authorities to enhance the tourism industry is critical for sustainable ecotourism in Assam (Uzir 2022).

6. Tourism needs to be promoted based on regional research (Uzir 2022). The success of ecotourism initiatives greatly depends on the active involvement of local communities in decision-making processes and the provision of economic benefits to them(Cabral and Dhar 2020) and Kaziranga National Park authorities aim to take up a concerted action plan in the coming months to create a win-win situation.

7. Detailed Action plan as directed by Honble NGT is currently under preparation and has been included in the Tiger Conservation Plan of the Tiger Reserve.

#### References:

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- Mlozi, Shogo, and Ossi Pesämaa. 2019. "Antecedents of National Park Knowledge in Tanzania." *Journal of Ecotourism* 18 (3): 199–220. <https://doi.org/10.1080/14724049.2018.1502296>.
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“The Effects of Social Media Advertising among Eco-Tourists in Malaysia: An Empirical Study on Malaysian Ecotourism.” *Geojournal of Tourism and Geosites* 38 (4): 997–1004. <https://doi.org/10.30892/gtg.38402-736>.

Uzir, Kirtika. 2022. “Factors Affecting Potential of Ecotourism and Its Sustainable Development in Assam , India - A SWOT Approach.” *SROTASWINI VI* (ISSN : 2277-5277): 226–38.

**B.Action taken report supported by an Action Plan to deal the issue of ecological degradation due to Tourism pertaining to Manas Tiger Reserve.**

- 1) Firstly, as highlighted in the said News Item, the areas specified are mostly from Himachal Pradesh and Uttarakhand.
- 2) In regards Tourism in Manas National Park, it can well be clarified that the Tourism activities are permitted only as per the provision of the Tiger Conservation Plan approved by the National Tiger Conservation Authority as the whole of the National Park comes under greater Manas Tiger Reserve with an area of 2837.10 Sq.Km that ranges from Sankoch River in the west to Dhansiri river in the west. As per the approved Tiger Conservation Plan, only 20% of the Manas National Park is availed for Tourism i.e. an area of only 100 Sq. Km. of the total core area of the National Park of 526.22 Sq.Km.which is the barest minimum for sustaining the tourism activities.
- 3) Further, there is a definite Tour Map / Tour Track so approved under the Tiger Conservation Plan for movement of the Tourist inside the Park which is also barest minimum just to sustain the Tourism sector as there is hardly any other viable source of livelihood for the fringe people living along the Park , the area being about 20 Km. away from the nearest commercial Hub of Barpeta Road.
- 4) It is worth mentioning that while allowing entry into the Park, Tourists are strictly prohibited from using any plastic materials and other bio-hazards. There is also a concrete system of clearing debris or any hazardous substance which may be dumped by the tourist out of ignorance and since, the Tour tracts are fixed, it makes quite easier for finding out the debris if at all thrown by some tourists while moving inside the Park.
- 5) Further only few routes are made available for tourist movement which constitute only 20% of the total core area of the Park so it is having only a remotest chance of creating any catastrophic environmental cost due to tourism.
- 6) In addition, the Park remains open for tourist only for a period of 6(Six) months w.e.f. October to March of each year and rest of the six months remain closed for outside entry which also helps in continuing a sustainable and purely limited tourism activities inside the Park.
- 7) As there is no major source of Livelihood support for the poor people living in the fringes, so tourism has become a way of economical support for them to some extent by providing accommodation, fooding etc. for the outstation Tourists. It has helped largely in making a bridge between the department and the villagers for the cause of the protection of the wildlife exist in the Park and also mitigating the Man-Animal Conflict.

Overall a sustainable Tourism is only allowed inside Manas National Park without any scope of ecological degradation and time to time to monitoring is done from the Park Authority on this sector and maximum effort is ensured to



manage the proper habitat for the wildlife as per Tiger Conservation Plan so guided by the National Tiger Conservation Authority.

**Annual Action Plan :-**

For the proper regulation of Tourism in nature, the Govt. of India has prescribed Eco-Tourism Policy and Guidelines in 2002. Further, NTCA the prime body for managing Tiger Reserves all over the country has issued circular for proper regulation of Eco-Tourism vide dtd.14/12/2007 and accordingly, Tourism is allowed only as per provision under Tiger Conservation Plan. and

An annual action plan is prepared for a sustainable tourism inside the Park is as detailed below,

- i) Tourism is to be allowed only in 20% of the total core area of the Park and definite Tour Tract is earmarked for the movement of the Tourists.
- ii) For stay of the Outstation Tourists, simple, eco-friendly boarding and lodging facilities will be provide by the owners of the said structures.
- iii) Road Net-work within the identified tourism zone to ensue minimum pressure on the free movement of the animals inside the Park.
- iv) Provision of self-guided Nature trails within the permissible area.
- v) Movement of Tourist is to be allowed only in Registered Private vehicle particularly in Maruti Gypsy which is expected to cause the least pollution and no honring in side Park area.
- vi) Structures with an exotic look causing visual pollution and un-aesthetic architecture is to be avoided.
- vii) Temporary structures for accommodation of the tourist is to be encouraged as the tourism remains closed for half of the year.
- viii) Mechanism to ensure continuous monitoring of adverse effects of tourism for quick redressal is to be adopted.

**For the Tour operators.**

- 1) all regulations/restrictions prescribed by the Authority are to be strictly abide by.
- 2) To ensure construction of structures only blending with the ecology and environment as per the prescribed building code.
- 3) To consider the carrying capacity and sociological use-limits of the site while creating tourist facilities and also ensure safety and security of the tourists.
- 4) Energy and water saving mechanism to be adopted as well as controlled sewage disposal.
- 5) To ensure control of noise pollution, discharge of chemical effluents and air emissions.
- 6) To reduce use of un-eco friendly items like asbestos, CIS, Pesticides, inflammable materials.
- 7) To provide appropriate interpretive service to visitors for communications with nature and local culture
- 8) To respect local dwellers and their culture and involve them in various eco-friendly activities.

**For the Tourists :-**

- 1) To help the Park Authority for conservation of wildlife and also protect any natural or culturally rich sites which may be adversely affected by tourism
- 2) To avoid littering or carrying any non-degradable materials while entering into the Park like plastic, fire hazard, bio-hazard etc.
- 3) To clean the camp site before leaving
- 4) To avoid removal or collect or pluck any plants, seeds, drift-wood from Park sites

- 5) To respect local custom, culture and also holy places or sacred groves located both inside or outside the Park
- 6) To cooperate with the Park authority and field staff in maintaining the natural ambience and not to disturb the animals as and when come across.

These are some finer points of the Annual Action Plan for a sustainable Eco-Tourism inside Manas National Park which is for favour of your kind information and necessary action.

**C. Action taken under Department of Housing and Urban Affairs, Govt. of Assam for compliance of orders in Hon'ble NGT OA 178/2022**

Total no. of ULBs in the state of Assam - 104 (Including Guwahati M.C)

Various steps have been taken to spread awareness to maintain cleanliness in tourist spots across the ULBs of Assam. World Tourism Day has been celebrated on ULBs on 27<sup>th</sup> September every year where various cleanliness activities are being undertaken. Major activities undertaken by ULBs are as follows:-

- a. Installation of Litter bins in all tourist spots along with systems for their regular emptying to avoid spill over's.
- b. Arrangement of hand washing (with regular supply of soap and water).
- c. Due diligence of the levels of cleanliness of toilets.
- d. Provisions for sanitary napkins and their proper disposal in all ladies toilets.
- e. Making all tourist areas "Single Use Plastic Free" zones.
- f. Prominent messaging on Swachhata are being displayed.

Further, the Urban Local Bodies are also encouraged to undertake special drive for the promotion of Cleanliness in Tourist spots under their jurisdiction.

**Special Initiative:**

- a. Engagement of youths, Rally for Garbage free beaches, Hills and Tourist places are considered under Indian Swachhata League conducted every year by SBM(U).
- b. The Swachhata Hi Sewa, 2023 is scheduled from 15<sup>th</sup> September- 2<sup>nd</sup> October, 2023 under the theme, "Garbage Free India" with focus on visible cleanliness and welfare of SafaiMitras. The spirit of cleanliness activities is voluntarism/shramdaan. The focus of these swachhata drives would be on high footfall public places like bus stands, railway stations, beaches, tourist places, zoos, national parks & sanctuaries, historical monuments, heritage sites, river fronts, ghats, drains and nallahs etc.

**Other Initiative:**

Under SBM 2.0, Assam, construction of 34 nos. of seats of Aspirational toilets in 32 ULBs where there is high footfall due to tourist places in nearby were proposed and accordingly approval has been received from Govt. of India. Work will be executed after receipt of fund from Govt. of India.

However, most of the Tourist Spots fall within either forest area or in some restricted area. The concerned departments look after management of such tourist spots. Furthermore, important tourist spots in Assam viz: Kaziranga National Park, Manas National Park, Pobitora Wildlife Sanctuary etc. does not fall under Urban area and hence SBM(U) has no role to play in these important tourists spots of Assam.

#### **D. Action taken under Pollution Control Board, Assam**

##### **Action Point 1 : Establishing air quality monitoring stations -**

The status of Air Quality Monitoring Stations (AQMS) in the State of Assam existing/to be installed by Pollution Control Board, Assam :

##### **Assam Hills:**

- **Dima Hasao** :- 3 manual AQMS shall be installed shortly. The site selection is finalized.
- **Karbi Anglong**:- 1 manual AQMS shall be installed shortly.
- **Karbi Anglong (West)**:- 1 manual AQMS shall be installed shortly.

##### **Important tourist destinations (other than Hills):**

- **Hajo** :- 1 manual AQMS shall be installed shortly.
- **Kaziranga (Kohora)**:- 1 manual AQMS shall be installed shortly.
- **Kamakhya**: 1 manual AQMS shall be installed shortly (at Pandu college).
- **Sivasagar**:- 3 manual AQMS and 1 Continuous Ambient Air Quality Monitoring Stations (CAAQMS) already in operation.
- **Tezpur**:- 1 manual AQMS in operation near Mahabhairab Maridir and 2 manual AQMS shall be installed shortly
- **Majuli**: 3 manual AQMS shall be installed shortly at Karnalabari, Garmur and East Majuli.
- **Jorhat**: 3 manual AQMS shall be installed shortly
- **Nalbari**: 3 manual AQMS and 1 CAAQMS in operation and 1 New station shall be established at Kumar Bharkar Marra Sanskrit and Ancient Studies University.
- **Manas**: 1 manual AQMS shall be installed shortly
- **Nagaon**: 3 manual AQMS and 1 CAAQMS in operation
- **Morigaon**: 1 manual AQMS shall be installed shortly
- **Dibrugarh**: 1 manual AQMS in operation and 2 manual AQMS shall be installed shortly

Air Quality Report for 2012-21 are attached herewith as **Annexure- I** as per the format recommended for Pollution Control Board by G.B. Pant, NIHE

##### **Action Point 2 :Establishing Water quality monitoring Stations :**

**Ground Water Monitoring Locations: 67**

**Surface Water Monitoring Locations:170**

No. of locations available in

##### **Assam Hilts:**

- Karbi Anglong — 3
- Dima Hasao — 1

**Main Tourist Destination other than Hills:**

Ground Water Monitoring Locations: -64

Surface Water Monitoring Locations:-170

Water Quality Report for 2021-23 are attached herewith as Annexure-II as per the format recommended for Pollution Control Board by G. B. Pant, NIHE

**Action Point 3 : Public Awareness :**

The following activities shall be organized in Assam Hills for increasing — public awareness

- Awareness meeting shall be conducted quarterly in the Assam (Hills) and other main tourist destinations/circuits of Assam
- Banners shall be installed in the Assam (Hills) and other main tourist destinations/circuits of Assam
- Guidelines for tourist shall be distributed to each tourist at the time of registration with the help of Tourist Department, Govt. of Assam.

**Ambient Air Quality Status during 2012**

**Table No. 1: Monthly Avg. Ambient Air quality Data of Guwahati City  
(based on 6 MAAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2012 | 4.9                                  | 12.6                                 | 93.1                                  |
| FEB, 2012 | 5.4                                  | 13.0                                 | 135.5                                 |
| MAR, 2012 | 6.7                                  | 15.0                                 | 140.6                                 |
| APR, 2012 | 5.5                                  | 13.6                                 | 72.7                                  |
| MAY, 2012 | 5.3                                  | 12.6                                 | 71.7                                  |
| JUN, 2012 | 5.1                                  | 13.2                                 | 42.7                                  |
| JUL, 2012 | 6.6                                  | 15.4                                 | 52.5                                  |
| AUG, 2012 | 7.9                                  | 16.5                                 | 40.5                                  |
| SEP, 2012 | 6.8                                  | 14.3                                 | 53.5                                  |
| OCT, 2012 | 6.4                                  | 14.0                                 | 80.8                                  |
| NOV, 2012 | 6.2                                  | 14.3                                 | 139.4                                 |
| DEC, 2012 | 6.0                                  | 14.2                                 | 173.2                                 |

**Table No. 2: Monthly Avg. Ambient Air quality Data of Bongaigaon Town  
(based on 2 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2012 | 5.7                                  | 13.4                                 | 46.6                                  |
| FEB, 2012 | 5.8                                  | 13.9                                 | 55.7                                  |
| MAR, 2012 | 6.4                                  | 14.8                                 | 59.2                                  |
| APR, 2012 | 5.9                                  | 13.5                                 | 52.1                                  |
| MAY, 2012 | 5.0                                  | 12.3                                 | 46.0                                  |
| JUN, 2012 | 6.4                                  | 15.8                                 | 45.6                                  |
| JUL, 2012 | 5.1                                  | 10.0                                 | 37.9                                  |
| AUG, 2012 | 6.7                                  | 14.3                                 | 35.6                                  |
| SEP, 2012 | 7.0                                  | 14.2                                 | 37.0                                  |
| OCT, 2012 | 6.4                                  | 13.8                                 | 40.2                                  |
| NOV, 2012 | 6.6                                  | 14.4                                 | 44.1                                  |
| DEC, 2012 | 6.6                                  | 14.0                                 | 45.4                                  |

**Table No. 3: Monthly Avg. Ambient Air quality Data of Tezpur Town  
(based on 2 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2012 | 5.4                                  | 12.0                                 | 55.4                                  |
| FEB, 2012 | 5.3                                  | 12.1                                 | 75.2                                  |
| MAR, 2012 | 6.1                                  | 13.6                                 | 138.8                                 |
| APR, 2012 | 5.0                                  | 12.3                                 | 66.9                                  |
| MAY, 2012 | 5.4                                  | 13.3                                 | 79.3                                  |
| JUN, 2012 | 6.8                                  | 15.4                                 | 32.8                                  |
| JUL, 2012 | 6.4                                  | 14.2                                 | 34.4                                  |
| AUG, 2012 | 6.4                                  | 14.1                                 | 29.8                                  |
| SEP, 2012 | 6.8                                  | 13.6                                 | 27.6                                  |
| OCT, 2012 | 5.9                                  | 12.5                                 | 57.0                                  |
| NOV, 2012 | 6.1                                  | 13.1                                 | 128.6                                 |
| DEC, 2012 | 6.3                                  | 13.9                                 | 128.2                                 |

Table No. 4: Monthly Avg. Ambient Air quality Data of Sivasagar Town  
(based on 2 AAQM Stations)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2012 | 5.4                                  | 13.0                                 | 125.9                                 |
| FEB, 2012 | 6.5                                  | 14.3                                 | 163.0                                 |
| MAR, 2012 | 6.0                                  | 13.8                                 | 107.7                                 |
| APR, 2012 | 4.8                                  | 12.3                                 | 76.5                                  |
| MAY,2012  | 5.3                                  | 13.1                                 | 57.0                                  |
| JUN,2012  | 5.5                                  | 13.4                                 | 77.1                                  |
| JUL,2012  | 12.3                                 | 19.8                                 | 86.2                                  |
| AUG,2012  | 9.2                                  | 16.6                                 | 117.8                                 |
| SEP,2012  | 7.0                                  | 15.2                                 | 88.5                                  |
| OCT,2012  | 6.6                                  | 15.2                                 | 101.8                                 |
| NOV,2012  | 6.7                                  | 14.6                                 | 128.2                                 |
| DEC,2012  | 5.9                                  | 14.0                                 | 188.1                                 |

Table No. 5: Monthly Avg. Ambient Air quality Data of Dibrugarh Town  
(based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2012 | 4.8                                  | 11.8                                 | 52.6                                  |
| FEB, 2012 | 5.5                                  | 12.3                                 | 66.5                                  |
| MAR, 2012 | 5.6                                  | 13.2                                 | 110.5                                 |
| APR, 2012 | 5.2                                  | 13.4                                 | 65.2                                  |
| MAY,2012  | 4.3                                  | 11.5                                 | 45.1                                  |
| JUN,2012  | 4.6                                  | 11.0                                 | 26.3                                  |
| JUL,2012  | 7.6                                  | 15.2                                 | 30.4                                  |
| AUG,2012  | 6.0                                  | 11.9                                 | 38.7                                  |
| SEP,2012  | 6.5                                  | 14.4                                 | 26.1                                  |
| OCT,2012  | 6.2                                  | 14.1                                 | 38.7                                  |
| NOV,2012  | 5.5                                  | 13.4                                 | 66.2                                  |
| DEC,2012  | 6.2                                  | 14.2                                 | 105.7                                 |

Table No. 6: Monthly Avg. Ambient Air quality Data of Golaghat Town  
(based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2012 | 5.0                                  | 13.8                                 | 81.3                                  |
| FEB, 2012 | 5.0                                  | 14.5                                 | 79.0                                  |
| MAR, 2012 | 4.5                                  | 12.7                                 | 71.6                                  |
| APR, 2012 | 4.5                                  | 11.1                                 | 62.3                                  |
| MAY,2012  | 4.5                                  | 11.6                                 | 55.6                                  |
| JUN,2012  | 6.2                                  | 11.5                                 | 29.9                                  |
| JUL,2012  | 11.2                                 | 16.0                                 | 27.9                                  |
| AUG,2012  | 10.9                                 | 14.3                                 | 19.2                                  |
| SEP,2012  | 6.6                                  | 15.8                                 | 31.9                                  |
| OCT,2012  | 6.5                                  | 15.3                                 | 23.7                                  |
| NOV,2012  | 5.9                                  | 14.2                                 | 69.9                                  |
| DEC,2012  | 5.9                                  | 15.3                                 | 103.9                                 |

Table No. 7: Monthly Avg. Ambient Air quality Data of Silchar town  
(based on 2 AAQM Stations)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2012 | 5.8                                  | 14.2                                 | 77.2                                  |
| FEB, 2012 | 5.9                                  | 14.3                                 | 117.4                                 |
| MAR, 2012 | 5.7                                  | 14.3                                 | 136.0                                 |
| APR, 2012 | 5.3                                  | 13.1                                 | 87.6                                  |
| MAY, 2012 | 6.0                                  | 13.4                                 | 80.0                                  |
| JUN, 2012 | 5.5                                  | 13.1                                 | 60.9                                  |
| JUL, 2012 | 5.2                                  | 14.0                                 | 60.6                                  |
| AUG, 2012 | 6.3                                  | 16.0                                 | 58.7                                  |
| SEP, 2012 | 5.6                                  | 14.7                                 | 47.4                                  |
| OCT, 2012 | 5.7                                  | 14.9                                 | 69.5                                  |
| NOV, 2012 | 6.7                                  | 15.3                                 | 123.0                                 |
| DEC, 2012 | 6.4                                  | 14.7                                 | 170.1                                 |

Table No. 8: Monthly Avg. Ambient Air quality Data of Darranga, Baksa  
(based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2012 | 4.6                                  | 13.5                                 | 58.1                                  |
| FEB, 2012 | 4.9                                  | 13.4                                 | 73.9                                  |
| MAR, 2012 | 5.8                                  | 15.2                                 | 158.8                                 |
| APR, 2012 | 5.0                                  | 12.2                                 | 54.8                                  |
| MAY, 2012 | 3.8                                  | 11.3                                 | 58.2                                  |
| JUN, 2012 | 4.7                                  | 11.9                                 | 30.6                                  |
| JUL, 2012 | 6.4                                  | 16.1                                 | 54.7                                  |
| AUG, 2012 | 6.7                                  | 15.7                                 | 17.7                                  |
| SEP, 2012 | 5.7                                  | 12.7                                 | 25.2                                  |
| OCT, 2012 | 5.7                                  | 13.2                                 | 28.2                                  |
| NOV, 2012 | 6.0                                  | 13.8                                 | 54.0                                  |
| DEC, 2012 | 6.2                                  | 13.3                                 | 84.6                                  |

Table No. 9: Monthly Avg. Ambient Air quality Data of Margherita town  
(based on 1 AAQM Stations)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2012 | 5.9                                  | 14.5                                 | 46.4                                  |
| FEB, 2012 | 5.9                                  | 14.1                                 | 80.5                                  |
| MAR, 2012 | 6.5                                  | 15.1                                 | 139.1                                 |
| APR, 2012 | 6.0                                  | 14.2                                 | 63.3                                  |
| MAY, 2012 | 5.6                                  | 14.3                                 | 47.2                                  |
| JUN, 2012 | 5.8                                  | 14.3                                 | 26.1                                  |
| JUL, 2012 | 5.4                                  | 13.0                                 | 31.8                                  |
| AUG, 2012 | 7.5                                  | 12.8                                 | 35.4                                  |
| SEP, 2012 | 6.6                                  | 15.8                                 | 27.2                                  |
| OCT, 2012 | 6.6                                  | 14.9                                 | 48.4                                  |
| NOV, 2012 | 6.5                                  | 15.3                                 | 44.6                                  |
| DEC, 2012 | 6.7                                  | 15.0                                 | 66.7                                  |



Table No. 10: Monthly Avg. Ambient Air quality Data of Lakhimpur town  
(based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2012 | 4.7                                  | 13.5                                 | 73.8                                  |
| FEB, 2012 | 5.1                                  | 13.4                                 | 75.3                                  |
| MAR, 2012 | 5.3                                  | 14.0                                 | 159.6                                 |
| APR, 2012 | 5.1                                  | 13.0                                 | 66.5                                  |
| MAY,2012  | 4.9                                  | 13.4                                 | 85.8                                  |
| JUN,2012  | 4.3                                  | 12.6                                 | 32.4                                  |
| JUL,2012  | 8.0                                  | 15.7                                 | 42.8                                  |
| AUG,2012  | 6.7                                  | 15.1                                 | 34.3                                  |
| SEP,2012  | 7.4                                  | 16.3                                 | 23.5                                  |
| OCT,2012  | 6.1                                  | 14.5                                 | 58.4                                  |
| NOV,2012  | 5.9                                  | 14.9                                 | 82.5                                  |
| DEC,2012  | 5.3                                  | 14.0                                 | 128.6                                 |

Table No. 11: Monthly Avg. Ambient Air quality Data of Tinsukia town  
(based on 3 AAQM Stations)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2012 | 4.8                                  | 11.7                                 | 52.5                                  |
| FEB, 2012 | 4.9                                  | 11.9                                 | 65.8                                  |
| MAR, 2012 | 5.5                                  | 13.2                                 | 125.2                                 |
| APR, 2012 | 4.8                                  | 11.6                                 | 61.6                                  |
| MAY,2012  | 4.8                                  | 11.6                                 | 40.3                                  |
| JUN,2012  | 5.2                                  | 11.6                                 | 33.7                                  |
| JUL,2012  | 5.3                                  | 11.8                                 | 33.6                                  |
| AUG,2012  | 5.5                                  | 13.0                                 | 33.8                                  |
| SEP,2012  | 5.3                                  | 12.7                                 | 28.6                                  |
| OCT,2012  | 5.4                                  | 12.1                                 | 49.7                                  |
| NOV,2012  | 5.9                                  | 13.3                                 | 81.8                                  |
| DEC,2012  | 5.7                                  | 13.0                                 | 85.0                                  |

Table No. 12: Monthly Avg. Ambient Air quality Data of Nagaon town  
(based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2012 | 5.4                                  | 12.5                                 | 92.3                                  |
| FEB, 2012 | 5.3                                  | 12.6                                 | 34.4                                  |
| MAR, 2012 | 6.0                                  | 13.2                                 | 129.2                                 |
| APR, 2012 | 5.3                                  | 12.5                                 | 65.3                                  |
| MAY,2012  | 5.5                                  | 12.9                                 | 78.0                                  |
| JUN,2012  | 5.4                                  | 12.3                                 | 38.4                                  |
| JUL,2012  | 6.5                                  | 13.7                                 | 30.8                                  |
| AUG,2012  | 7.5                                  | 14.6                                 | 37.9                                  |
| SEP,2012  | 6.4                                  | 13.3                                 | 40.9                                  |
| OCT,2012  | 5.7                                  | 13.3                                 | 79.7                                  |
| NOV,2012  | 7.0                                  | 14.0                                 | 140.4                                 |
| DEC,2012  | 6.4                                  | 14.1                                 | 176.4                                 |



Table No. 13: Monthly Avg. Ambient Air quality Data of Nalbari town  
(based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2012 | 5.1                                  | 15.4                                 | 122.4                                 |
| FEB, 2012 | 5.0                                  | 14.8                                 | 66.6                                  |
| MAR, 2012 | 6.2                                  | 15.6                                 | 123.7                                 |
| APR, 2012 | 4.7                                  | 13.9                                 | 47.7                                  |
| MAY, 2012 | 4.0                                  | 12.0                                 | 66.3                                  |
| JUN, 2012 | 4.7                                  | 13.3                                 | 35.2                                  |
| JUL, 2012 | 6.4                                  | 15.6                                 | 47.8                                  |
| AUG, 2012 | 7.8                                  | 17.8                                 | 40.0                                  |
| SEP, 2012 | 9.1                                  | 16.4                                 | 49.6                                  |
| OCT, 2012 | 6.2                                  | 15.7                                 | 84.6                                  |
| NOV, 2012 | 6.2                                  | 15.4                                 | 122.5                                 |
| DEC, 2012 | 6.7                                  | 14.9                                 | 174.0                                 |

## Ambient Air Quality Status during 2013

TABLE NO. 1: AMBIENT AIR QUALITY AT GUWAHATI CITY  
(Based on 6 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2013 | 6.4                                  | 14.4                                 | 136.6                                 |
| FEB, 2013 | 6.6                                  | 14.8                                 | 151.1                                 |
| MAR, 2013 | 7.7                                  | 16.7                                 | 185.4                                 |
| APR, 2013 | 7.2                                  | 15.7                                 | 134.4                                 |
| MAY, 2013 | 7.2                                  | 15.5                                 | 124.2                                 |
| JUN, 2013 | 6.9                                  | 15.3                                 | 133.1                                 |
| JUL, 2013 | 6.8                                  | 14.5                                 | 116.4                                 |
| AUG, 2013 | 7.2                                  | 15.1                                 | 117.2                                 |
| SEP, 2013 | 6.7                                  | 14.2                                 | 101.6                                 |
| OCT, 2013 | 6.3                                  | 13.8                                 | 105.1                                 |
| NOV, 2013 | 6.1                                  | 13.5                                 | 100.6                                 |
| DEC, 2013 | 6.9                                  | 15.2                                 | 139.1                                 |

TABLE NO. 2: AMBIENT AIR QUALITY AT BONGAIGAON TOWN  
(Based on 2 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2013 | 7.0                                  | 14.4                                 | 51.3                                  |
| FEB, 2013 | 6.3                                  | 13.5                                 | 48.0                                  |
| MAR, 2013 | 6.7                                  | 15.0                                 | 50.4                                  |
| APR, 2013 | 6.4                                  | 14.0                                 | 46.9                                  |
| MAY, 2013 | 5.9                                  | 14.1                                 | 40.5                                  |
| JUN, 2013 | 7.8                                  | 15.3                                 | 39.7                                  |
| JUL, 2013 | 7.4                                  | 15.7                                 | 35.4                                  |
| AUG, 2013 | 7.4                                  | 15.3                                 | 35.1                                  |
| SEP, 2013 | 6.3                                  | 13.6                                 | 38.7                                  |
| OCT, 2013 | 7.0                                  | 13.9                                 | 44.1                                  |
| NOV, 2013 | 6.3                                  | 13.5                                 | 53.0                                  |
| DEC, 2013 | 6.4                                  | 14.1                                 | 56.5                                  |

TABLE NO. 3: AMBIENT AIR QUALITY AT TEZPUR TOWN  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2013 | 6.6                                  | 14.0                                 | 123.5                                 |
| FEB, 2013 | 6.3                                  | 13.3                                 | 116.9                                 |
| MAR, 2013 | 6.9                                  | 15.9                                 | 178.4                                 |
| APR, 2013 | 7.0                                  | 15.7                                 | 138.7                                 |
| MAY, 2013 | 7.0                                  | 14.7                                 | 136.3                                 |
| JUN, 2013 | 6.6                                  | 14.2                                 | 120.4                                 |
| JUL, 2013 | 7.2                                  | 14.4                                 | 121.1                                 |
| AUG, 2013 | 7.6                                  | 15.8                                 | 100.2                                 |
| SEP, 2013 | 7.1                                  | 14.5                                 | 85.8                                  |
| OCT, 2013 | 6.1                                  | 14.1                                 | 71.7                                  |
| NOV, 2013 | 7.1                                  | 13.1                                 | 108.2                                 |
| DEC, 2013 | 5.1                                  | 12.4                                 | 145.3                                 |

**TABLE NO. 4: AMBIENT AIR QUALITY AT SIVASAGAR TOWN**  
(Based on 2 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2013 | 5.9                                  | 13.5                                 | 220.2                                 |
| FEB, 2013 | 5.9                                  | 13.6                                 | 167.1                                 |
| MAR, 2013 | 7.3                                  | 16.1                                 | 157.3                                 |
| APR, 2013 | 7.0                                  | 15.4                                 | 71.3                                  |
| MAY,2013  | 6.5                                  | 14.7                                 | 86.8                                  |
| JUN,2013  | 7.2                                  | 15.1                                 | 101.4                                 |
| JUL,2013  | 7.2                                  | 15.0                                 | 83.6                                  |
| AUG,2013  | 6.9                                  | 15.3                                 | 83.3                                  |
| SEP,2013  | 8.8                                  | 15.8                                 | 93.5                                  |
| OCT,2013  | 6.2                                  | 12.7                                 | 110.5                                 |
| NOV,2013  | 6.5                                  | 14.1                                 | 133.3                                 |
| DEC,2013  | 6.1                                  | 14.1                                 | 144.7                                 |

**TABLE NO. 5: AMBIENT AIR QUALITY AT DIBRUGARH TOWN**  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2013 | 6.1                                  | 13.8                                 | 85.6                                  |
| FEB, 2013 | 6.6                                  | 16.7                                 | 127.2                                 |
| MAR, 2013 | 7.2                                  | 16.4                                 | 179.3                                 |
| APR, 2013 | 5.4                                  | 15.1                                 | 86.4                                  |
| MAY,2013  | 6.6                                  | 14.8                                 | 72.1                                  |
| JUN,2013  | 6.5                                  | 15.5                                 | 133.5                                 |
| JUL,2013  | 6.3                                  | 16.7                                 | 126.3                                 |
| AUG,2013  | 7.3                                  | 16.3                                 | 130                                   |
| SEP,2013  | 6.7                                  | 14.8                                 | 25.4                                  |
| OCT,2013  | 7.0                                  | 14.9                                 | 88.7                                  |
| NOV,2013  | 5.5                                  | 12.8                                 | 70.3                                  |
| DEC,2013  | 6.4                                  | 14.4                                 | 57.1                                  |

**TABLE NO. 6: AMBIENT AIR QUALITY AT GOLAGHAT TOWN**  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2013 | 6.7                                  | 15.7                                 | 98.3                                  |
| FEB, 2013 | 6.0                                  | 14.3                                 | 94.0                                  |
| MAR, 2013 | 6.6                                  | 16.2                                 | 155.2                                 |
| APR, 2013 | 6.1                                  | 14.5                                 | 106.5                                 |
| MAY,2013  | 7.1                                  | 15.8                                 | 127.1                                 |
| JUN,2013  | 6.7                                  | 15.4                                 | 112.5                                 |
| JUL,2013  | 7.3                                  | 16.9                                 | 138.6                                 |
| AUG,2013  | 7.0                                  | 16.0                                 | 97.5                                  |
| SEP,2013  | 6.4                                  | 15.2                                 | 73.7                                  |
| OCT,2013  | 7.6                                  | 16.2                                 | 37.9                                  |
| NOV,2013  | 6.6                                  | 16.9                                 | 74.1                                  |
| DEC,2013  | 6.6                                  | 16.9                                 | 76.0                                  |

**TABLE NO. 7: AMBIENT AIR QUALITY AT SILCHAR TOWN**  
(Based on 2 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2013 | 6.1                                  | 14.5                                 | 140.7                                 |
| FEB, 2013 | 6.4                                  | 15.0                                 | 151.1                                 |
| MAR, 2013 | 7.7                                  | 17.8                                 | 188.0                                 |
| APR, 2013 | 7.6                                  | 17.5                                 | 161.8                                 |
| MAY, 2013 | 7.3                                  | 18.4                                 | 152.4                                 |
| JUN, 2013 | 8.0                                  | 18.9                                 | 146.4                                 |
| JUL, 2013 | 7.5                                  | 18.5                                 | 161.0                                 |
| AUG, 2013 | 7.3                                  | 17.9                                 | 110.5                                 |
| SEP, 2013 | 7.2                                  | 17.2                                 | 85.5                                  |
| OCT, 2013 | 6.4                                  | 15.4                                 | 104.3                                 |
| NOV, 2013 | 6.5                                  | 15.4                                 | 99.3                                  |
| DEC, 2013 | 6.2                                  | 15.7                                 | 123.1                                 |

**TABLE NO. 8: AMBIENT AIR QUALITY AT DARRANGA TOWN**  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2013 | 5.8                                  | 14.6                                 | 110.2                                 |
| FEB, 2013 | 6.3                                  | 14.5                                 | 116.6                                 |
| MAR, 2013 | 7.1                                  | 16.5                                 | 154.0                                 |
| APR, 2013 | 5.7                                  | 13.6                                 | 127.7                                 |
| MAY, 2013 | 5.9                                  | 14.7                                 | 94.2                                  |
| JUN, 2013 | 7.4                                  | 15.3                                 | 124.2                                 |
| JUL, 2013 | 6.8                                  | 15.1                                 | 117.7                                 |
| AUG, 2013 | 7.4                                  | 14.8                                 | 102.8                                 |
| SEP, 2013 | 4.5                                  | 11.3                                 | 40.2                                  |
| OCT, 2013 | 4.8                                  | 11.7                                 | 39.8                                  |
| NOV, 2013 | 5.2                                  | 13.9                                 | 52.5                                  |
| DEC, 2013 | 5.8                                  | 14.6                                 | 110.2                                 |

**TABLE NO. 9: AMBIENT AIR QUALITY AT MARGHERITA TOWN**  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2013 | 6.3                                  | 14.2                                 | 83.9                                  |
| FEB, 2013 | 6.5                                  | 13.8                                 | 110.8                                 |
| MAR, 2013 | 7.8                                  | 15.3                                 | 144.3                                 |
| APR, 2013 | NA                                   | NA                                   | NA                                    |
| MAY, 2013 | NA                                   | NA                                   | NA                                    |
| JUN, 2013 | NA                                   | NA                                   | NA                                    |
| JUL, 2013 | 7.6                                  | 14.8                                 | 136.2                                 |
| AUG, 2013 | 6.2                                  | 15.2                                 | 110.5                                 |
| SEP, 2013 | 7.0                                  | 15.0                                 | 80.3                                  |
| OCT, 2013 | 6.0                                  | 13.6                                 | 26.0                                  |
| NOV, 2013 | 6.9                                  | 13.7                                 | 25.0                                  |
| DEC, 2013 | 7.7                                  | 17.9                                 | 32.5                                  |

**TABLE NO. 10: AMBIENT AIR QUALITY AT LAKHIMPUR TOWN**  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2013 | 5.4                                  | 15.3                                 | 133.6                                 |
| FEB, 2013 | 6.4                                  | 15.3                                 | 120.4                                 |
| MAR, 2013 | 7.2                                  | 17.1                                 | 150.4                                 |
| APR, 2013 | 7.1                                  | 16.3                                 | 166.9                                 |
| MAY, 2013 | 7.4                                  | 15.5                                 | 92.7                                  |
| JUN, 2013 | 5.6                                  | 14.8                                 | 147.4                                 |
| JUL, 2013 | 6.6                                  | 15.1                                 | 147.2                                 |
| AUG, 2013 | 6.7                                  | 16.1                                 | 143.2                                 |
| SEP, 2013 | 7.7                                  | 15.7                                 | 94.4                                  |
| OCT, 2013 | 7.4                                  | 15.7                                 | 41.1                                  |
| NOV, 2013 | 7.2                                  | 16.1                                 | 69.8                                  |
| DEC, 2013 | 6.1                                  | 15.4                                 | 133.1                                 |

**TABLE NO. 11: AMBIENT AIR QUALITY AT TINSUKIA TOWN**  
(Based on 2 AAQMSs)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2013 | 6.0                                  | 12.6                                 | 62.9                                  |
| FEB, 2013 | 6.1                                  | 13.7                                 | 102.9                                 |
| MAR, 2013 | 6.7                                  | 15.2                                 | 196.5                                 |
| APR, 2013 | 6.0                                  | 13.6                                 | 132.8                                 |
| MAY, 2013 | 6.4                                  | 13.5                                 | 82.1                                  |
| JUN, 2013 | 6.2                                  | 14.0                                 | 108.6                                 |
| JUL, 2013 | 7.0                                  | 15.2                                 | 112.8                                 |
| AUG, 2013 | 6.8                                  | 15.0                                 | 127.5                                 |
| SEP, 2013 | 6.2                                  | 13.6                                 | 92.0                                  |
| OCT, 2013 | 5.8                                  | 12.4                                 | 36.2                                  |
| NOV, 2013 | 5.9                                  | 12.1                                 | 68.2                                  |
| DEC, 2013 | 6.0                                  | 12.6                                 | 67.3                                  |

**TABLE NO. 12: AMBIENT AIR QUALITY AT NAGAON TOWN**  
(Based on 1 AAQM)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2013 | 6.3                                  | 14.1                                 | 157.7                                 |
| FEB, 2013 | 7.2                                  | 14.9                                 | 139.3                                 |
| MAR, 2013 | 7.3                                  | 15.9                                 | 161.0                                 |
| APR, 2013 | 7.0                                  | 16.3                                 | 154.6                                 |
| MAY, 2013 | 6.6                                  | 14.8                                 | 106.4                                 |
| JUN, 2013 | 6.9                                  | 15.5                                 | 129.6                                 |
| JUL, 2013 | 7.9                                  | 15.6                                 | 108.6                                 |
| AUG, 2013 | 7.1                                  | 14.9                                 | 116.6                                 |
| SEP, 2013 | 7.1                                  | 15.3                                 | 108.4                                 |
| OCT, 2013 | 6.3                                  | 14.7                                 | 91.9                                  |
| NOV, 2013 | 6.2                                  | 13.9                                 | 153.4                                 |
| DEC, 2013 | 5.4                                  | 13.2                                 | 144.6                                 |



TABLE NO. 13: AMBIENT AIR QUALITY AT NALBARI TOWN  
(Based on 1 AAQM)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2013 | 6.3                                  | 16.7                                 | 210.8                                 |
| FEB, 2013 | 6.4                                  | 16.9                                 | 137.5                                 |
| MAR, 2013 | 8.0                                  | 18.6                                 | 189.3                                 |
| APR, 2013 | 7.4                                  | 17.9                                 | 129.0                                 |
| MAY, 2013 | 7.4                                  | 16.9                                 | 137.3                                 |
| JUN, 2013 | 6.2                                  | 16.4                                 | 190.1                                 |
| JUL, 2013 | 6.2                                  | 15.8                                 | 111.5                                 |
| AUG, 2013 | 6.6                                  | 16.8                                 | 150.3                                 |
| SEP, 2013 | 7.4                                  | 16.5                                 | 115.4                                 |
| OCT, 2013 | 9.6                                  | 18.0                                 | 72.8                                  |
| NOV, 2013 | 7.5                                  | 16.4                                 | 98.6                                  |
| DEC, 2013 | 7.2                                  | 16.3                                 | 109.7                                 |

TABLE NO. 10: AMBIENT AIR QUALITY AT LAKHIMPUR TOWN  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2014 | 5.7                                  | 15.1                                 | 105.1                                 |
| FEB, 2014 | 6.9                                  | 15.5                                 | 115.3                                 |
| MAR, 2014 | 6.9                                  | 15.1                                 | 98.4                                  |
| APR, 2014 | 6.8                                  | 16.2                                 | 69.2                                  |
| MAY, 2014 | 9.0                                  | 15.0                                 | 35.4                                  |
| JUN, 2014 | 5.9                                  | 12.3                                 | 34.3                                  |
| JUL, 2014 | 5.2                                  | 13.7                                 | 34.8                                  |
| AUG, 2014 | 4.8                                  | 12.7                                 | 62.8                                  |
| SEP, 2014 | 4.3                                  | 11.9                                 | 44.6                                  |
| OCT, 2014 | 6.2                                  | 14.1                                 | 56.5                                  |
| NOV, 2014 | 5.8                                  | 12.6                                 | 57.9                                  |
| DEC, 2014 | 5.7                                  | 13.8                                 | 59.6                                  |

TABLE NO. 11: AMBIENT AIR QUALITY AT TINSUKIA TOWN  
(Based on 2 AAQMSs)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2014 | 6.4                                  | 13.7                                 | 114.7                                 |
| FEB, 2014 | 6.1                                  | 13.4                                 | 128.8                                 |
| MAR, 2014 | 6.7                                  | 14.3                                 | 85.5                                  |
| APR, 2014 | 6.8                                  | 14.5                                 | 48.4                                  |
| MAY, 2014 | 7.2                                  | 13.6                                 | 38.9                                  |
| JUN, 2014 | 7.4                                  | 16.8                                 | 29.5                                  |
| JUL, 2014 | 4.9                                  | 11.0                                 | 29.4                                  |
| AUG, 2014 | 2.5                                  | 6.9                                  | 32.9                                  |
| SEP, 2014 | 5.5                                  | 11.2                                 | 32.8                                  |
| OCT, 2014 | 5.9                                  | 11.9                                 | 42.2                                  |
| NOV, 2014 | 6.6                                  | 12.2                                 | 54.6                                  |
| DEC, 2014 | 6.6                                  | 12.2                                 | 60.1                                  |

TABLE NO. 12: AMBIENT AIR QUALITY AT NAGAON TOWN  
(Based on 1 AAQM)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2014 | 6.4                                  | 14.3                                 | 165.3                                 |
| FEB, 2014 | 6.9                                  | 14.5                                 | 209.4                                 |
| MAR, 2014 | 7.3                                  | 14.1                                 | 129.8                                 |
| APR, 2014 | 7.3                                  | 15.1                                 | 116.9                                 |
| MAY, 2014 | 6.9                                  | 12.9                                 | 71.7                                  |
| JUN, 2014 | 7.2                                  | 12.3                                 | 39.3                                  |
| JUL, 2014 | 5.5                                  | 10.7                                 | 42.3                                  |
| AUG, 2014 | 5.9                                  | 11.0                                 | 63.1                                  |
| SEP, 2014 | NA                                   | NA                                   | NA                                    |
| OCT, 2014 | 6.1                                  | 12.8                                 | 89.0                                  |
| NOV, 2014 | 6.4                                  | 12.4                                 | 76.1                                  |
| DEC, 2014 | 6.8                                  | 12.7                                 | 56.9                                  |

**TABLE NO. 7: AMBIENT AIR QUALITY AT SILCHAR TOWN**  
(Based on 2 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2014 | 6.7                                  | 16.5                                 | 80.9                                  |
| FEB, 2014 | 6.0                                  | 15.9                                 | 105.2                                 |
| MAR, 2014 | 6.4                                  | 15.6                                 | 78.4                                  |
| APR, 2014 | 7.6                                  | 17.2                                 | 70.8                                  |
| MAY, 2014 | 5.2                                  | 11.4                                 | 76.7                                  |
| JUN, 2014 | 5.8                                  | 12.4                                 | 73.9                                  |
| JUL, 2014 | 6.0                                  | 12.3                                 | 68.3                                  |
| AUG, 2014 | 4.8                                  | 10.9                                 | 74.6                                  |
| SEP, 2014 | 4.2                                  | 11.2                                 | 83.6                                  |
| OCT, 2014 | 6.7                                  | 13.9                                 | 70.7                                  |
| NOV, 2014 | 6.2                                  | 13.2                                 | 80.1                                  |
| DEC, 2014 | 6.6                                  | 13.6                                 | 89.3                                  |

**TABLE NO. 8: AMBIENT AIR QUALITY AT DARRANGA TOWN**  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2014 | 6.5                                  | 13.3                                 | 116.9                                 |
| FEB, 2014 | 6.8                                  | 15.7                                 | 121.8                                 |
| MAR, 2014 | 5.5                                  | 16.1                                 | 105.9                                 |
| APR, 2014 | 5.4                                  | 15.6                                 | 93.9                                  |
| MAY, 2014 | 7.4                                  | 19.7                                 | 88.3                                  |
| JUN, 2014 | 5.7                                  | 11.8                                 | 43.4                                  |
| JUL, 2014 | 7.4                                  | 15.3                                 | 124.1                                 |
| AUG, 2014 | 3.4                                  | 8.3                                  | 71.9                                  |
| SEP, 2014 | 3.9                                  | 9.0                                  | 28.4                                  |
| OCT, 2014 | 5.2                                  | 11.0                                 | 28.2                                  |
| NOV, 2014 | 6.0                                  | 12.0                                 | 47.3                                  |
| DEC, 2014 | 6.2                                  | 11.9                                 | 46.9                                  |

**TABLE NO. 9: AMBIENT AIR QUALITY AT MARGHERITA TOWN**  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2014 | 7.6                                  | 16.3                                 | 78.4                                  |
| FEB, 2014 | 11.8                                 | 24.8                                 | 86.0                                  |
| MAR, 2014 | 14.7                                 | 26.6                                 | 112.3                                 |
| APR, 2014 | 13.4                                 | 27.9                                 | 68.6                                  |
| MAY, 2014 | 16.3                                 | 30.2                                 | 34.8                                  |
| JUN, 2014 | 14.2                                 | 31.7                                 | 37.4                                  |
| JUL, 2014 | 12.2                                 | 24.7                                 | 29.1                                  |
| AUG, 2014 | 7.9                                  | 19.5                                 | 30.0                                  |
| SEP, 2014 | 10.9                                 | 21.7                                 | 28.3                                  |
| OCT, 2014 | 11.3                                 | 21.6                                 | 46.3                                  |
| NOV, 2014 | 10.3                                 | 19.9                                 | 50.8                                  |
| DEC, 2014 | 9.4                                  | 19.5                                 | 52.6                                  |



**TABLE NO. 4: AMBIENT AIR QUALITY AT SIVASAGAR TOWN**  
 (Based on 2 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2014 | 6.3                                  | 14.0                                 | 144.0                                 |
| FEB, 2014 | 6.0                                  | 13.6                                 | 129.9                                 |
| MAR, 2014 | 6.2                                  | 13.9                                 | 110.3                                 |
| APR, 2014 | 6.9                                  | 13.6                                 | 103.7                                 |
| MAY, 2014 | 7.4                                  | 13.3                                 | 73.1                                  |
| JUN, 2014 | 5.9                                  | 11.6                                 | 76.3                                  |
| JUL, 2014 | 4.9                                  | 10.7                                 | 55.4                                  |
| AUG, 2014 | 5.0                                  | 10.6                                 | 56.5                                  |
| SEP, 2014 | 4.7                                  | 10.1                                 | 56.0                                  |
| OCT, 2014 | 6.3                                  | 12.6                                 | 102.7                                 |
| NOV, 2014 | 6.4                                  | 12.5                                 | 86.8                                  |
| DEC, 2014 | 6.3                                  | 12.6                                 | 85.0                                  |

**TABLE NO. 5: AMBIENT AIR QUALITY AT DIBRUGARH TOWN**  
 (Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2014 | 5.6                                  | 14.1                                 | 55.9                                  |
| FEB, 2014 | 6.4                                  | 14.5                                 | 42.3                                  |
| MAR, 2014 | 7.0                                  | 15.3                                 | 49.1                                  |
| APR, 2014 | 6.9                                  | 15.9                                 | 40.1                                  |
| MAY, 2014 | 7.8                                  | 15.0                                 | 35.3                                  |
| JUN, 2014 | 8.1                                  | 18.3                                 | 34.3                                  |
| JUL, 2014 | 5.6                                  | 11.9                                 | 43.2                                  |
| AUG, 2014 | 3.8                                  | 10.4                                 | 29.8                                  |
| SEP, 2014 | 6.1                                  | 12.3                                 | 34.0                                  |
| OCT, 2014 | 6.9                                  | 13.3                                 | 48.8                                  |
| NOV, 2014 | 6.4                                  | 11.9                                 | 55.6                                  |
| DEC, 2014 | 6.6                                  | 12.9                                 | 58.2                                  |

**TABLE NO. 6: AMBIENT AIR QUALITY AT GOLAGHAT TOWN**  
 (Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2014 | 7.1                                  | 16.8                                 | 127.4                                 |
| FEB, 2014 | 7.0                                  | 16.3                                 | 83.4                                  |
| MAR, 2014 | 6.4                                  | 13.9                                 | 68.3                                  |
| APR, 2014 | 7.3                                  | 14.3                                 | 46.3                                  |
| MAY, 2014 | 6.5                                  | 12.7                                 | 36.6                                  |
| JUN, 2014 | 7.8                                  | 15.8                                 | 73.4                                  |
| JUL, 2014 | 4.8                                  | 13.1                                 | 52.9                                  |
| AUG, 2014 | NA                                   | NA                                   | NA                                    |
| SEP, 2014 | 6.1                                  | 13.5                                 | 34.7                                  |
| OCT, 2014 | 6.1                                  | 12.9                                 | 46.8                                  |
| NOV, 2014 | 6.5                                  | 13.1                                 | 47.9                                  |
| DEC, 2014 | 6.7                                  | 13.5                                 | 57.2                                  |

**Ambient Air Quality Status during 2014**

**TABLE NO. 1: AMBIENT AIR QUALITY AT GUWAHATI CITY  
(Based on 6 AAQMS)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2014 | 6.6                                  | 15.0                                 | 168.1                                 |
| FEB, 2014 | 6.9                                  | 14.8                                 | 162.4                                 |
| MAR, 2014 | 7.0                                  | 15.0                                 | 136.9                                 |
| APR, 2014 | 7.1                                  | 15.4                                 | 117.8                                 |
| MAY, 2014 | 7.1                                  | 14.1                                 | 73.1                                  |
| JUN, 2014 | 6.2                                  | 12.3                                 | 54.0                                  |
| JUL, 2014 | 6.6                                  | 12.9                                 | 45.9                                  |
| AUG, 2014 | 5.9                                  | 11.9                                 | 50.7                                  |
| SEP, 2014 | 6.1                                  | 12.2                                 | 48.5                                  |
| OCT, 2014 | 6.9                                  | 13.7                                 | 55.5                                  |
| NOV, 2014 | 6.7                                  | 13.3                                 | 69.7                                  |
| DEC, 2014 | 6.9                                  | 13.5                                 | 63.7                                  |

**TABLE NO. 2: AMBIENT AIR QUALITY AT BONGAIGAON TOWN  
(Based on 2 AAQMS)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2014 | 6.5                                  | 13.8                                 | 51.2                                  |
| FEB, 2014 | 6.6                                  | 14.3                                 | 51.3                                  |
| MAR, 2014 | 7.1                                  | 14.4                                 | 60.3                                  |
| APR, 2014 | 7.1                                  | 15.4                                 | 61.9                                  |
| MAY, 2014 | 7.2                                  | 13.2                                 | 45.2                                  |
| JUN, 2014 | 6.0                                  | 11.8                                 | 39.3                                  |
| JUL, 2014 | 7.4                                  | 12.6                                 | 42.9                                  |
| AUG, 2014 | 4.8                                  | 10.4                                 | 35.7                                  |
| SEP, 2014 | 5.7                                  | 11.8                                 | 47.1                                  |
| OCT, 2014 | 7.0                                  | 13.2                                 | 57.5                                  |
| NOV, 2014 | 6.5                                  | 13.0                                 | 56.0                                  |
| DEC, 2014 | 6.6                                  | 13.5                                 | 50.8                                  |

**TABLE NO. 3: AMBIENT AIR QUALITY AT TEZPUR TOWN  
(Based on 1 AAQMS)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2014 | 6.4                                  | 13.0                                 | 158.0                                 |
| FEB, 2014 | 6.4                                  | 14.4                                 | 165.7                                 |
| MAR, 2014 | 7.2                                  | 14.9                                 | 104.7                                 |
| APR, 2014 | 8.6                                  | 15.8                                 | 84.4                                  |
| MAY, 2014 | 7.8                                  | 13.9                                 | 33.5                                  |
| JUN, 2014 | 7.3                                  | 12.9                                 | 31.6                                  |
| JUL, 2014 | 6.4                                  | 12.1                                 | 47.6                                  |
| AUG, 2014 | 5.2                                  | 10.8                                 | 43.1                                  |
| SEP, 2014 | 5.0                                  | 11.2                                 | 30.5                                  |
| OCT, 2014 | 6.0                                  | 12.8                                 | 38.1                                  |
| NOV, 2014 | 6.4                                  | 12.3                                 | 57.7                                  |
| DEC, 2014 | 6.8                                  | 12.8                                 | 56.8                                  |

TABLE NO. 13: AMBIENT AIR QUALITY AT NALBARI TOWN  
(Based on 1 AAQM)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2014 | 6.4                                  | 15.0                                 | 122.4                                 |
| FEB, 2014 | 6.4                                  | 14.5                                 | 135.0                                 |
| MAR, 2014 | 6.2                                  | 15.3                                 | 102.1                                 |
| APR, 2014 | 6.1                                  | 15.9                                 | 102.9                                 |
| MAY, 2014 | 9.8                                  | 21.4                                 | 80.7                                  |
| JUN, 2014 | 8.3                                  | 16.4                                 | 62.3                                  |
| JUL, 2014 | 7.3                                  | 14.7                                 | 50.0                                  |
| AUG, 2014 | 5.1                                  | 11.7                                 | 43.9                                  |
| SEP, 2014 | 5.7                                  | 13.3                                 | 42.4                                  |
| OCT, 2014 | 6.4                                  | 13.7                                 | 48.0                                  |
| NOV, 2014 | 5.6                                  | 12.9                                 | 65.5                                  |
| DEC, 2014 | 5.9                                  | 13.8                                 | 62.4                                  |

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**Ambient Air Quality Status during 2015**

**TABLE NO. 1: AMBIENT AIR QUALITY AT GUWAHATI CITY**  
(Based on 6 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2015 | 7.0                                  | 13.6                                 | 69.2                                  |
| FEB, 2015 | 7.4                                  | 14.3                                 | 109.7                                 |
| MAR, 2015 | 8.7                                  | 16.2                                 | 193.1                                 |
| APR, 2015 | 8.6                                  | 16.3                                 | 170.8                                 |
| MAY, 2015 | 6.2                                  | 13.3                                 | 92.0                                  |
| JUN, 2015 | 6.2                                  | 12.6                                 | 71.4                                  |
| JUL, 2015 | 5.5                                  | 11.3                                 | 66.2                                  |
| AUG, 2015 | 5.7                                  | 11.3                                 | 69.4                                  |
| SEP, 2015 | 6.1                                  | 11.8                                 | 71.7                                  |
| OCT, 2015 | 7.2                                  | 12.8                                 | 76.0                                  |
| NOV, 2015 | 7.4                                  | 14.0                                 | 80.4                                  |
| DEC, 2015 | 8.3                                  | 21.2                                 | 94.4                                  |

**TABLE NO. 2: AMBIENT AIR QUALITY AT BONGAIGAON TOWN**  
(Based on 2 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2015 | 6.8                                  | 13.2                                 | 42.9                                  |
| FEB, 2015 | 7.5                                  | 14.1                                 | 39.3                                  |
| MAR, 2015 | 8.3                                  | 15.4                                 | 44.6                                  |
| APR, 2015 | 6.7                                  | 14.4                                 | 41.8                                  |
| MAY, 2015 | 6.7                                  | 14.0                                 | 41.2                                  |
| JUN, 2015 | 5.9                                  | 12.9                                 | 34.4                                  |
| JUL, 2015 | 6.5                                  | 12.8                                 | 35.4                                  |
| AUG, 2015 | 6.5                                  | 12.5                                 | 35.1                                  |
| SEP, 2015 | 7.1                                  | 13.3                                 | 45.9                                  |
| OCT, 2015 | 8.4                                  | 15.1                                 | 61.3                                  |
| NOV, 2015 | 6.3                                  | 14.8                                 | 73.8                                  |
| DEC, 2015 | 5.9                                  | 12.7                                 | 78.8                                  |

**TABLE NO. 3: AMBIENT AIR QUALITY AT TEZPUR TOWN**  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2015 | 6.5                                  | 13.1                                 | 66.3                                  |
| FEB, 2015 | 7.3                                  | 13.4                                 | 122.4                                 |
| MAR, 2015 | 8.5                                  | 15.0                                 | 176.8                                 |
| APR, 2015 | 7.1                                  | 14.6                                 | 163.3                                 |
| MAY, 2015 | 6.3                                  | 13.4                                 | 157.3                                 |
| JUN, 2015 | 6.3                                  | 12.2                                 | 48.8                                  |
| JUL, 2015 | 6.3                                  | 12.3                                 | 56.8                                  |
| AUG, 2015 | 6.5                                  | 12.6                                 | 35.9                                  |
| SEP, 2015 | 6.9                                  | 12.6                                 | 32.3                                  |
| OCT, 2015 | 7.5                                  | 14.0                                 | 49.6                                  |
| NOV, 2015 | 8.2                                  | 16.8                                 | 64.4                                  |
| DEC, 2015 | 8.4                                  | 16.9                                 | 101.6                                 |



**TABLE NO. 4: AMBIENT AIR QUALITY AT SIVASAGAR TOWN**  
(Based on 2 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2015 | 6.8                                  | 12.9                                 | 82.5                                  |
| FEB, 2015 | 7.1                                  | 13.6                                 | 83.1                                  |
| MAR, 2015 | 7.6                                  | 13.9                                 | 83.6                                  |
| APR, 2015 | 5.9                                  | 12.1                                 | 72.2                                  |
| MAY, 2015 | 5.7                                  | 12.0                                 | 72.5                                  |
| JUN, 2015 | 5.0                                  | 11.6                                 | 61.7                                  |
| JUL, 2015 | 4.9                                  | 10.9                                 | 60.6                                  |
| AUG, 2015 | 5.3                                  | 11.5                                 | 59.4                                  |
| SEP, 2015 | 5.3                                  | 11.2                                 | 60.4                                  |
| OCT, 2015 | 6.4                                  | 12.7                                 | 58.5                                  |
| NOV, 2015 | 7.2                                  | 16.1                                 | 80.8                                  |
| DEC, 2015 | 7.5                                  | 16.7                                 | 67.6                                  |

**TABLE NO. 5: AMBIENT AIR QUALITY AT DIBRUGARH TOWN**  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2015 | 6.7                                  | 13.4                                 | 62.2                                  |
| FEB, 2015 | 7.0                                  | 13.2                                 | 94.4                                  |
| MAR, 2015 | 8.2                                  | 14.6                                 | 167.6                                 |
| APR, 2015 | 8.0                                  | 15.5                                 | 138.9                                 |
| MAY, 2015 | 7.8                                  | 15.0                                 | 34.8                                  |
| JUN, 2015 | 7.0                                  | 14.0                                 | 96.3                                  |
| JUL, 2015 | 7.0                                  | 13.6                                 | 123.3                                 |
| AUG, 2015 | 7.1                                  | 13.4                                 | 105.3                                 |
| SEP, 2015 | 6.7                                  | 13.4                                 | 111.4                                 |
| OCT, 2015 | 6.9                                  | 13.3                                 | 129.5                                 |
| NOV, 2015 | 8.2                                  | 15.0                                 | 128.4                                 |
| DEC, 2015 | 8.3                                  | 21.9                                 | 127.4                                 |

**TABLE NO. 6: AMBIENT AIR QUALITY AT GOLAGHAT TOWN**  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2015 | 7.3                                  | 13.6                                 | 85.1                                  |
| FEB, 2015 | 7.1                                  | 13.5                                 | 98.7                                  |
| MAR, 2015 | 8.0                                  | 14.2                                 | 165.8                                 |
| APR, 2015 | 7.7                                  | 14.0                                 | 156.3                                 |
| MAY, 2015 | 6.7                                  | 12.4                                 | 122.1                                 |
| JUN, 2015 | 6.1                                  | 13.0                                 | 110.1                                 |
| JUL, 2015 | 6.3                                  | 13.4                                 | 123.8                                 |
| AUG, 2015 | 6.7                                  | 13.1                                 | 125.2                                 |
| SEP, 2015 | 6.6                                  | 12.4                                 | 129.3                                 |
| OCT, 2015 | 6.8                                  | 13.5                                 | 131.6                                 |
| NOV, 2015 | 7.1                                  | 15.9                                 | 125.4                                 |
| DEC, 2015 | 7.2                                  | 15.6                                 | 112.7                                 |

**TABLE NO. 7: AMBIENT AIR QUALITY AT SILCHAR TOWN**  
(Based on 2 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2015 | 6.9                                  | 14.2                                 | 70.9                                  |
| FEB, 2015 | 7.2                                  | 14.6                                 | 71.1                                  |
| MAR, 2015 | 7.6                                  | 15.2                                 | 88.2                                  |
| APR, 2015 | 5.7                                  | 12.3                                 | 78.1                                  |
| MAY, 2015 | 5.2                                  | 11.9                                 | 71.1                                  |
| JUN, 2015 | 4.9                                  | 11.2                                 | 66.0                                  |
| JUL, 2015 | 5.2                                  | 11.2                                 | 65.9                                  |
| AUG, 2015 | 4.7                                  | 11.0                                 | 60.0                                  |
| SEP, 2015 | 4.7                                  | 10.3                                 | 61.6                                  |
| OCT, 2015 | 6.1                                  | 11.9                                 | 62.2                                  |
| NOV, 2015 | 7.0                                  | 18.1                                 | 77.4                                  |
| DEC, 2015 | 7.3                                  | 17.9                                 | 93.6                                  |

**TABLE NO. 8: AMBIENT AIR QUALITY AT DARRANGA TOWN**  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2015 | 6.3                                  | 13.7                                 | 57.9                                  |
| FEB, 2015 | 6.1                                  | 13.3                                 | 73.9                                  |
| MAR, 2015 | 6.9                                  | 14.1                                 | 112.2                                 |
| APR, 2015 | 7.1                                  | 15.8                                 | 136.9                                 |
| MAY, 2015 | 5.4                                  | 11.9                                 | 53.4                                  |
| JUN, 2015 | 6.4                                  | 10.0                                 | 38.7                                  |
| JUL, 2015 | 4.7                                  | 7.5                                  | 41.9                                  |
| AUG, 2015 | 3.5                                  | 11.3                                 | 39.8                                  |
| SEP, 2015 | 4.3                                  | 11.4                                 | 59.6                                  |
| OCT, 2015 | 5.0                                  | 12.0                                 | 73.3                                  |
| NOV, 2015 | 6.5                                  | 11.7                                 | 74.2                                  |
| DEC, 2015 | 6.2                                  | 12.6                                 | 71.0                                  |

**TABLE NO. 9: AMBIENT AIR QUALITY AT MARGHERITA TOWN**  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2015 | 6.9                                  | 13.7                                 | 61.7                                  |
| FEB, 2015 | 7.5                                  | 13.7                                 | 100.9                                 |
| MAR, 2015 | 7.8                                  | 13.8                                 | 146.6                                 |
| APR, 2015 | 8.3                                  | 15.5                                 | 130.6                                 |
| MAY, 2015 | 7.2                                  | 13.9                                 | 107.3                                 |
| JUN, 2015 | 6.4                                  | 13.5                                 | 92.0                                  |
| JUL, 2015 | 6.3                                  | 13.2                                 | 112.1                                 |
| AUG, 2015 | 5.8                                  | 12.1                                 | 99.4                                  |
| SEP, 2015 | 6.8                                  | 13.3                                 | 127.9                                 |
| OCT, 2015 | 7.3                                  | 14.0                                 | 131.0                                 |
| NOV, 2015 | 8.8                                  | 19.5                                 | 131.6                                 |
| DEC, 2015 | 9.2                                  | 22.6                                 | 127.4                                 |

TABLE NO. 10: AMBIENT AIR QUALITY AT LAKHIMPUR TOWN  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2015 | 5.8                                  | 13.5                                 | 64.4                                  |
| FEB, 2015 | 6.7                                  | 14.0                                 | 104.6                                 |
| MAR, 2015 | 6.7                                  | 14.9                                 | 174.9                                 |
| APR, 2015 | 5.6                                  | 13.8                                 | 71.3                                  |
| MAY, 2015 | 6.4                                  | 13.8                                 | 53.4                                  |
| JUN, 2015 | 6.1                                  | 12.6                                 | 49.7                                  |
| JUL, 2015 | 5.6                                  | 11.9                                 | 65.8                                  |
| AUG, 2015 | 5.9                                  | 11.9                                 | 55.0                                  |
| SEP, 2015 | 6.3                                  | 12.6                                 | 63.1                                  |
| OCT, 2015 | 7.0                                  | 13.8                                 | 63.8                                  |
| NOV, 2015 | 6.9                                  | 14.4                                 | 72.9                                  |
| DEC, 2015 | 7.9                                  | 21.7                                 | 102.6                                 |

TABLE NO. 11: AMBIENT AIR QUALITY AT TINSUKIA TOWN  
(Based on 2 AAQMSs)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2015 | 7.0                                  | 13.6                                 | 62.0                                  |
| FEB, 2015 | 7.4                                  | 14.0                                 | 95.9                                  |
| MAR, 2015 | 8.7                                  | 15.7                                 | 176.3                                 |
| APR, 2015 | 8.6                                  | 16.2                                 | 145.6                                 |
| MAY, 2015 | 7.0                                  | 14.2                                 | 99.7                                  |
| JUN, 2015 | 6.8                                  | 13.8                                 | 117.4                                 |
| JUL, 2015 | 6.4                                  | 13.4                                 | 114.7                                 |
| AUG, 2015 | 5.7                                  | 12.3                                 | 109.9                                 |
| SEP, 2015 | 5.8                                  | 13.6                                 | 104.4                                 |
| OCT, 2015 | 6.6                                  | 13.4                                 | 126.4                                 |
| NOV, 2015 | 8.3                                  | 16.8                                 | 128.0                                 |
| DEC, 2015 | 7.8                                  | 20.1                                 | 149.4                                 |

TABLE NO. 12: AMBIENT AIR QUALITY AT NAGAON TOWN  
(Based on 1 AAQM)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2015 | 7.0                                  | 13.0                                 | 61.4                                  |
| FEB, 2015 | 7.6                                  | 13.6                                 | 102.3                                 |
| MAR, 2015 | 8.8                                  | 14.7                                 | 193.7                                 |
| APR, 2015 | 8.9                                  | 16.8                                 | 218.4                                 |
| MAY, 2015 | 8.4                                  | 14.9                                 | 202.9                                 |
| JUN, 2015 | 8.9                                  | 14.4                                 | 169.9                                 |
| JUL, 2015 | NA                                   | NA                                   | NA                                    |
| AUG, 2015 | 8.9                                  | 13.7                                 | 120.6                                 |
| SEP, 2015 | NA                                   | NA                                   | NA                                    |
| OCT, 2015 | 9.5                                  | 14.7                                 | 140.9                                 |
| NOV, 2015 | 8.3                                  | 19.5                                 | 105.2                                 |
| DEC, 2015 | 7.1                                  | 18.3                                 | 107.3                                 |



TABLE NO. 13: AMBIENT AIR QUALITY AT NALBARI TOWN  
(Based on 1 AAQM)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2015 | 6.4                                  | 13.8                                 | 78.7                                  |
| FEB, 2015 | 6.2                                  | 13.8                                 | 104.3                                 |
| MAR, 2015 | 7.3                                  | 15.5                                 | 160.9                                 |
| APR, 2015 | 8.5                                  | 17.2                                 | 173.3                                 |
| MAY, 2015 | 5.8                                  | 14.3                                 | 123.1                                 |
| JUN, 2015 | 6.2                                  | 15.1                                 | 112.9                                 |
| JUL, 2015 | 5.3                                  | 13.9                                 | 111.6                                 |
| AUG, 2015 | 5.6                                  | 13.2                                 | 104.4                                 |
| SEP, 2015 | 4.7                                  | 13.2                                 | 114.1                                 |
| OCT, 2015 | 5.7                                  | 14.0                                 | 133.8                                 |
| NOV, 2015 | 5.9                                  | 20.3                                 | 122.3                                 |
| DEC, 2015 | 5.4                                  | 20.1                                 | 109.2                                 |

**Ambient Air Quality Status during 2016**

**TABLE NO. 1: AMBIENT AIR QUALITY AT GUWAHATI CITY  
(Based on 6 AAQMS)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2016 | 7.5                                  | 21.3                                 | 117.7                                 |
| FEB, 2016 | 8.0                                  | 20.7                                 | 154.8                                 |
| MAR, 2016 | 9.1                                  | 20.0                                 | 188.5                                 |
| APR, 2016 | 8.0                                  | 15.5                                 | 95.8                                  |
| MAY, 2016 | 7.6                                  | 15.1                                 | 87.7                                  |
| JUN, 2016 | 7.1                                  | 14.7                                 | 80.0                                  |
| JUL, 2016 | 7.0                                  | 14.6                                 | 72.3                                  |
| AUG, 2016 | 6.9                                  | 16.2                                 | 69.3                                  |
| SEP, 2016 | 6.7                                  | 15.2                                 | 68.0                                  |
| OCT, 2016 | 6.9                                  | 16.2                                 | 72.7                                  |
| NOV, 2016 | 10.4                                 | 17.4                                 | 96.9                                  |
| DEC, 2016 | 11.3                                 | 19.8                                 | 119.0                                 |

**TABLE NO. 2: AMBIENT AIR QUALITY AT BONGAIGAON TOWN  
(Based on 2 AAQMS)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2016 | 7.3                                  | 16.2                                 | 69.4                                  |
| FEB, 2016 | 7.6                                  | 17.4                                 | 69.0                                  |
| MAR, 2016 | 8.3                                  | 15.8                                 | 61.7                                  |
| APR, 2016 | 5.8                                  | 10.5                                 | 58.7                                  |
| MAY, 2016 | 5.1                                  | 11.2                                 | 60.9                                  |
| JUN, 2016 | 4.5                                  | 12.0                                 | 49.1                                  |
| JUL, 2016 | 4.2                                  | 11.3                                 | 39.0                                  |
| AUG, 2016 | 4.3                                  | 11.4                                 | 45.3                                  |
| SEP, 2016 | 4.4                                  | 11.2                                 | 43.8                                  |
| OCT, 2016 | 8.3                                  | 13.1                                 | 59.0                                  |
| NOV, 2016 | 5.4                                  | 12.6                                 | 54.3                                  |
| DEC, 2016 | 4.6                                  | 12.8                                 | 52.9                                  |

**TABLE NO. 3: AMBIENT AIR QUALITY AT TEZPUR TOWN  
(Based on 1 AAQMS)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2016 | 8.3                                  | 19.9                                 | 80.2                                  |
| FEB, 2016 | 9.2                                  | 19.9                                 | 141.6                                 |
| MAR, 2016 | 9.5                                  | 18.9                                 | 117.3                                 |
| APR, 2016 | 9.6                                  | 19.2                                 | 56.6                                  |
| MAY, 2016 | 7.7                                  | 15.4                                 | 40.9                                  |
| JUN, 2016 | 7.5                                  | 13.7                                 | 42.6                                  |
| JUL, 2016 | 7.6                                  | 14.5                                 | 32.6                                  |
| AUG, 2016 | 7.5                                  | 15.0                                 | 30.9                                  |
| SEP, 2016 | 6.6                                  | 14.3                                 | 30.6                                  |
| OCT, 2016 | 7.3                                  | 15.5                                 | 50.6                                  |
| NOV, 2016 | 8.1                                  | 16.9                                 | 73.3                                  |
| DEC, 2016 | 8.7                                  | 17.4                                 | 87.9                                  |

**TABLE NO. 4: AMBIENT AIR QUALITY AT SIVASAGAR TOWN**  
(Based on 2 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2016 | 7.7                                  | 18.0                                 | 97.5                                  |
| FEB, 2016 | 6.3                                  | 13.3                                 | 83.1                                  |
| MAR, 2016 | 7.4                                  | 12.2                                 | 70.1                                  |
| APR, 2016 | 7.7                                  | 12.3                                 | 67.2                                  |
| MAY,2016  | 9.9                                  | 13.8                                 | 102.0                                 |
| JUN,2016  | 8.3                                  | 12.9                                 | 78.6                                  |
| JUL,2016  | 9.4                                  | 12.4                                 | 61.2                                  |
| AUG,2016  | 7.6                                  | 11.5                                 | 64.8                                  |
| SEP,2016  | 9.1                                  | 11.9                                 | 56.1                                  |
| OCT,2016  | 8.2                                  | 11.4                                 | 53.9                                  |
| NOV,2016  | 7.5                                  | 11.8                                 | 72.2                                  |
| DEC,2016  | 8.8                                  | 12.7                                 | 83.2                                  |

**TABLE NO. 5: AMBIENT AIR QUALITY AT DIBRUGARH TOWN**  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2016 | 7.9                                  | 17.8                                 | 141.8                                 |
| FEB, 2016 | 7.5                                  | 18.8                                 | 115.6                                 |
| MAR, 2016 | 7.3                                  | 14.8                                 | 109.3                                 |
| APR, 2016 | 6.7                                  | 13.4                                 | 52.8                                  |
| MAY,2016  | 7.3                                  | 14.2                                 | 60.4                                  |
| JUN,2016  | 7.0                                  | 14.0                                 | 96.3                                  |
| JUL,2016  | 5.9                                  | 14.1                                 | 65.5                                  |
| AUG,2016  | 6.0                                  | 14.9                                 | 58.7                                  |
| SEP,2016  | 6.9                                  | 15.6                                 | 67.1                                  |
| OCT,2016  | 7.1                                  | 15.8                                 | 60.0                                  |
| NOV,2016  | 12.5                                 | 23.7                                 | 71.7                                  |
| DEC,2016  | 10.8                                 | 20.1                                 | 55.4                                  |

**TABLE NO. 6: AMBIENT AIR QUALITY AT GOLAGHAT TOWN**  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2016 | 6.9                                  | 13.7                                 | 100.5                                 |
| FEB, 2016 | 8.1                                  | 14.8                                 | 124.9                                 |
| MAR, 2016 | 7.6                                  | 13.7                                 | 109.8                                 |
| APR, 2016 | 6.9                                  | 14.5                                 | 85.1                                  |
| MAY,2016  | 7.5                                  | 14.1                                 | 83.6                                  |
| JUN,2016  | 6.6                                  | 13.0                                 | 61.1                                  |
| JUL,2016  | 5.4                                  | 11.9                                 | 54.4                                  |
| AUG,2016  | 5.8                                  | 13.3                                 | 55.1                                  |
| SEP,2016  | 6.4                                  | 13.2                                 | 67.3                                  |
| OCT,2016  | 7.2                                  | 14.9                                 | 88.3                                  |
| NOV,2016  | 6.3                                  | 15.3                                 | 60.4                                  |
| DEC,2016  | 6.2                                  | 17.0                                 | 79.4                                  |

**TABLE NO. 7: AMBIENT AIR QUALITY AT SILCHAR TOWN**  
(Based on 2 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2016 | 7.7                                  | 16.9                                 | 78.5                                  |
| FEB, 2016 | 6.8                                  | 15.6                                 | 73.8                                  |
| MAR, 2016 | 5.6                                  | 14.8                                 | 74.9                                  |
| APR, 2016 | 6.3                                  | 14.0                                 | 66.1                                  |
| MAY,2016  | 6.2                                  | 12.3                                 | 51.5                                  |
| JUN,2016  | 6.1                                  | 12.2                                 | 40.3                                  |
| JUL,2016  | 5.8                                  | 11.0                                 | 42.1                                  |
| AUG,2016  | 5.7                                  | 10.9                                 | 48.0                                  |
| SEP,2016  | 6.0                                  | 11.6                                 | 43.0                                  |
| OCT,2016  | 5.6                                  | 10.6                                 | 46.8                                  |
| NOV,2016  | 6.1                                  | 10.7                                 | 51.5                                  |
| DEC,2016  | 6.0                                  | 10.8                                 | 55.0                                  |

**TABLE NO. 8: AMBIENT AIR QUALITY AT DARRANGA TOWN**  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2016 | 5.3                                  | 11.2                                 | 49.2                                  |
| FEB, 2016 | 7.1                                  | 12.0                                 | 98.3                                  |
| MAR, 2016 | 7.2                                  | 15.2                                 | 127.9                                 |
| APR, 2016 | 6.4                                  | 12.3                                 | 68.7                                  |
| MAY,2016  | 6.8                                  | 12.9                                 | 78.1                                  |
| JUN,2016  | 7.2                                  | 14.5                                 | 82.1                                  |
| JUL,2016  | 6.8                                  | 15.7                                 | 69.4                                  |
| AUG,2016  | 5.8                                  | 13.6                                 | 52.6                                  |
| SEP,2016  | 6.9                                  | 16.4                                 | 60.2                                  |
| OCT,2016  | 5.5                                  | 13.1                                 | 54.0                                  |
| NOV,2016  | 8.2                                  | 18.4                                 | 48.2                                  |
| DEC,2016  | 9.2                                  | 17.3                                 | 54.0                                  |

**TABLE NO. 9: AMBIENT AIR QUALITY AT MARGHERITA TOWN**  
(Based on 1 AAQMS)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2016 | 8.1                                  | 21.1                                 | 120.9                                 |
| FEB, 2016 | 7.3                                  | 18.2                                 | 129.6                                 |
| MAR, 2016 | 7.0                                  | 14.7                                 | 87.8                                  |
| APR, 2016 | 6.5                                  | 15.2                                 | 76.3                                  |
| MAY,2016  | 5.8                                  | 13.3                                 | 74.3                                  |
| JUN,2016  | 7.3                                  | 15.5                                 | 65.3                                  |
| JUL,2016  | 5.4                                  | 13.8                                 | 52.1                                  |
| AUG,2016  | 6.5                                  | 15.3                                 | 56.4                                  |
| SEP,2016  | 6.2                                  | 13.8                                 | 60.1                                  |
| OCT,2016  | 8.9                                  | 18.3                                 | 53.0                                  |
| NOV,2016  | 8.5                                  | 19.5                                 | 61.4                                  |
| DEC,2016  | 11.2                                 | 20.5                                 | 62.9                                  |

**TABLE NO. 10: AMBIENT AIR QUALITY AT LAKHIMPUR TOWN  
(Based on 1 AAQMS)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2016 | 7.4                                  | 18.9                                 | 125.3                                 |
| FEB, 2016 | 7.4                                  | 17.3                                 | 124.3                                 |
| MAR, 2016 | 7.1                                  | 12.6                                 | 95.0                                  |
| APR, 2016 | 9.4                                  | 15.2                                 | 88.5                                  |
| MAY, 2016 | 8.6                                  | 13.3                                 | 85.6                                  |
| JUN, 2016 | 7.6                                  | 15.6                                 | 62.3                                  |
| JUL, 2016 | 6.7                                  | 14.6                                 | 53.3                                  |
| AUG, 2016 | 6.8                                  | 16.3                                 | 54.3                                  |
| SEP, 2016 | 6.0                                  | 15.7                                 | 59.6                                  |
| OCT, 2016 | 7.7                                  | 17.2                                 | 68.6                                  |
| NOV, 2016 | 6.9                                  | 18.5                                 | 74.4                                  |
| DEC, 2016 | 7.9                                  | 17.3                                 | 82.1                                  |

**TABLE NO. 11: AMBIENT AIR QUALITY AT TINSUKIA TOWN  
(Based on 3 AAQMSs)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2016 | 7.7                                  | 20.8                                 | 144.0                                 |
| FEB, 2016 | 7.5                                  | 18.1                                 | 116.1                                 |
| MAR, 2016 | 7.3                                  | 13.8                                 | 98.6                                  |
| APR, 2016 | 5.7                                  | 13.7                                 | 74.7                                  |
| MAY, 2016 | 6.7                                  | 14.1                                 | 67.3                                  |
| JUN, 2016 | 6.6                                  | 14.5                                 | 79.3                                  |
| JUL, 2016 | 6.7                                  | 15.1                                 | 69.7                                  |
| AUG, 2016 | 6.7                                  | 14.1                                 | 69.0                                  |
| SEP, 2016 | 6.2                                  | 14.3                                 | 64.1                                  |
| OCT, 2016 | 7.7                                  | 16.4                                 | 61.4                                  |
| NOV, 2016 | 9.3                                  | 19.1                                 | 73.6                                  |
| DEC, 2016 | 10.8                                 | 20.1                                 | 82.0                                  |

**TABLE NO. 12: AMBIENT AIR QUALITY AT NAGAON TOWN  
(Based on 1 AAQM)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2016 | 6.3                                  | 18.4                                 | 105                                   |
| FEB, 2016 | 6.5                                  | 16.6                                 | 181.6                                 |
| MAR, 2016 | 7.6                                  | 15.2                                 | 133.6                                 |
| APR, 2016 | 7.5                                  | 14.8                                 | 83.8                                  |
| MAY, 2016 | 7.2                                  | 14.5                                 | 81.9                                  |
| JUN, 2016 | 6.9                                  | 14.1                                 | 80.5                                  |
| JUL, 2016 | NA                                   | NA                                   | NA                                    |
| AUG, 2016 | NA                                   | NA                                   | NA                                    |
| SEP, 2016 | 5.0                                  | 13.7                                 | 109.1                                 |
| OCT, 2016 | NA                                   | NA                                   | NA                                    |
| NOV, 2016 | NA                                   | NA                                   | NA                                    |
| DEC, 2016 | NA                                   | NA                                   | NA                                    |

NA: Station was not in operation due to some technical problems.



TABLE NO. 13: AMBIENT AIR QUALITY AT NALBARI TOWN  
(Based on 1 AAQM)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2016 | 5.8                                  | 17.4                                 | 94.8                                  |
| FEB, 2016 | 8.2                                  | 28.4                                 | 168.3                                 |
| MAR, 2016 | 7.4                                  | 19.3                                 | 182.8                                 |
| APR, 2016 | 6.1                                  | 14.7                                 | 111.4                                 |
| MAY, 2016 | 5.5                                  | 13.8                                 | 98.1                                  |
| JUN, 2016 | 5.8                                  | 14.5                                 | 90.5                                  |
| JUL, 2016 | 5.7                                  | 16.1                                 | 90.1                                  |
| AUG, 2016 | 6.0                                  | 16.6                                 | 86.9                                  |
| SEP, 2016 | 5.4                                  | 14.5                                 | 84.4                                  |
| OCT, 2016 | 5.7                                  | 14.7                                 | 79.9                                  |
| NOV, 2016 | 9.3                                  | 18.5                                 | 82.8                                  |
| DEC, 2016 | 12.8                                 | 21.0                                 | 95.9                                  |

**Ambient Air Quality Status during 2017****Table No. 1: Monthly Avg. Ambient Air quality Data of Guwahati City  
(based on 6 MAAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) | PM <sub>2.5</sub> (µg/m <sup>3</sup> ) | CO (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|--|-------------------------|
| JAN, 2017 | 8.70                                 | 18.50                                | 123.90                                | NA                                     | 1.49                    |
| FEB, 2017 | 6.80                                 | 17.30                                | 190.70                                | NA                                     | 1.15                    |
| MAR, 2017 | 7.30                                 | 16.90                                | 195.70                                | NA                                     | 0.71                    |
| APR, 2017 | 6.70                                 | 16.40                                | 122.00                                | 77.00                                  | 0.56                    |
| MAY, 2017 | 6.80                                 | 16.60                                | 92.70                                 | 45.30                                  | 0.39                    |
| JUN, 2017 | 6.20                                 | 15.50                                | 89.40                                 | 64.20                                  | 0.28                    |
| JUL, 2017 | 5.80                                 | 14.50                                | 59.40                                 | 42.60                                  | 0.23                    |
| AUG, 2017 | 5.80                                 | 13.70                                | 60.30                                 | 44.80                                  | 0.23                    |
| SEP, 2017 | 6.50                                 | 15.20                                | 63.90                                 | 61.70                                  | 0.35                    |
| OCT, 2017 | 6.40                                 | 15.40                                | 69.20                                 | 49.10                                  | 0.35                    |
| NOV, 2017 | 7.50                                 | 16.90                                | 85.40                                 | 73.50                                  | 0.63                    |
| DEC, 2017 | 10.10                                | 19.90                                | 127.00                                | 102.50                                 | 1.03                    |

**Table No. 2: Monthly Avg. Ambient Air quality Data of Bongaigaon Town  
(based on 2 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2017 | 4.50                                 | 12.50                                | 58.70                                 |
| FEB, 2017 | 4.50                                 | 12.50                                | 67.90                                 |
| MAR, 2017 | 4.30                                 | 12.60                                | 66.20                                 |
| APR, 2017 | 4.00                                 | 12.60                                | 65.10                                 |
| MAY, 2017 | 3.80                                 | 12.10                                | 63.80                                 |
| JUN, 2017 | 3.80                                 | 12.40                                | 57.50                                 |
| JUL, 2017 | 3.80                                 | 11.50                                | 50.70                                 |
| AUG, 2017 | 3.70                                 | 12.00                                | 51.10                                 |
| SEP, 2017 | 4.10                                 | 12.60                                | 53.10                                 |
| OCT, 2017 | 7.20                                 | 15.50                                | 62.90                                 |
| NOV, 2017 | 4.50                                 | 13.30                                | 53.10                                 |
| DEC, 2017 | 4.70                                 | 13.00                                | 58.60                                 |

**Table No. 3: Monthly Avg. Ambient Air quality Data of Tezpur Town  
(based on 2 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2017 | 8.30                                 | 17.00                                | 118.30                                |
| FEB, 2017 | 7.00                                 | 16.90                                | 245.30                                |
| MAR, 2017 | 9.00                                 | 17.70                                | 222.20                                |
| APR, 2017 | 8.20                                 | 18.70                                | 95.10                                 |
| MAY, 2017 | 7.10                                 | 17.40                                | 49.40                                 |
| JUN, 2017 | 7.10                                 | 15.90                                | 61.80                                 |
| JUL, 2017 | 5.90                                 | 14.90                                | 65.60                                 |
| AUG, 2017 | 6.20                                 | 14.30                                | 67.00                                 |
| SEP, 2017 | 8.00                                 | 15.40                                | 65.60                                 |
| OCT, 2017 | 7.00                                 | 15.90                                | 97.70                                 |
| NOV, 2017 | 9.60                                 | 20.30                                | 115.20                                |
| DEC, 2017 | 7.50                                 | 18.20                                | 132.50                                |

Table No. 4: Monthly Avg. Ambient Air quality Data of Sivasagar Town  
(based on 2 AAQM Stations)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2017 | 9.70                                 | 13.40                                | 167.60                                |
| FEB, 2017 | 7.70                                 | 11.10                                | 94.60                                 |
| MAR, 2017 | 7.00                                 | 11.40                                | 78.70                                 |
| APR, 2017 | 6.80                                 | 10.70                                | 73.60                                 |
| MAY,2017  | 6.90                                 | 11.80                                | 72.40                                 |
| JUN,2017  | 7.00                                 | 11.80                                | 68.80                                 |
| JUL,2017  | 6.80                                 | 13.30                                | 64.90                                 |
| AUG,2017  | 6.90                                 | 14.30                                | 66.90                                 |
| SEP,2017  | 7.10                                 | 14.30                                | 64.80                                 |
| OCT,2017  | 7.00                                 | 14.20                                | 68.20                                 |
| NOV,2017  | 6.70                                 | 13.60                                | 68.40                                 |
| DEC,2017  | 7.20                                 | 14.70                                | 84.20                                 |

Table No. 5: Monthly Avg. Ambient Air quality Data of Dibrugarh Town  
(based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2017 | 10.00                                | 19.90                                | 71.50                                 |
| FEB, 2017 | 9.30                                 | 21.20                                | 102.30                                |
| MAR, 2017 | 7.80                                 | 18.40                                | 78.10                                 |
| APR, 2017 | 6.80                                 | 16.60                                | 41.70                                 |
| MAY,2017  | 6.80                                 | 16.10                                | 27.80                                 |
| JUN,2017  | 5.50                                 | 13.10                                | 30.10                                 |
| JUL,2017  | 6.20                                 | 12.20                                | 41.60                                 |
| AUG,2017  | 6.90                                 | 13.90                                | 45.70                                 |
| SEP,2017  | 6.60                                 | 13.10                                | 46.70                                 |
| OCT,2017  | 6.80                                 | 13.90                                | 59.10                                 |
| NOV,2017  | 7.70                                 | 16.50                                | 79.20                                 |
| DEC,2017  | 6.60                                 | 15.50                                | 84.10                                 |

Table No. 6: Monthly Avg. Ambient Air quality Data of Golaghat Town  
(based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2017 | 6.10                                 | 16.20                                | 89.80                                 |
| FEB, 2017 | 7.10                                 | 16.60                                | 94.80                                 |
| MAR, 2017 | 6.40                                 | 14.70                                | 84.80                                 |
| APR, 2017 | 5.90                                 | 16.70                                | 71.30                                 |
| MAY,2017  | 6.40                                 | 17.10                                | 29.30                                 |
| JUN,2017  | 6.50                                 | 15.40                                | 37.50                                 |
| JUL,2017  | 5.10                                 | 10.10                                | 35.40                                 |
| AUG,2017  | 6.60                                 | 13.40                                | 38.40                                 |
| SEP,2017  | 6.00                                 | 11.90                                | 31.60                                 |
| OCT,2017  | 6.00                                 | 11.90                                | 44.30                                 |
| NOV,2017  | 6.00                                 | 12.80                                | 45.80                                 |
| DEC,2017  | 6.90                                 | 14.40                                | 78.30                                 |



**Table No. 7: Monthly Avg. Ambient Air quality Data of Darranga, Baksa  
(based on 1 AAQM Station)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2017 | 7.80                                 | 18.60                                | 77.60                                 |
| FEB, 2017 | 6.30                                 | 15.10                                | 120.80                                |
| MAR, 2017 | 6.60                                 | 15.00                                | 104.80                                |
| APR, 2017 | 6.10                                 | 13.80                                | 69.00                                 |
| MAY,2017  | 6.20                                 | 14.30                                | 64.40                                 |
| JUN,2017  | 6.00                                 | 14.40                                | 45.00                                 |
| JUL,2017  | 5.50                                 | 16.10                                | 43.30                                 |
| AUG,2017  | 5.50                                 | 13.60                                | 46.70                                 |
| SEP,2017  | 6.40                                 | 15.40                                | 50.70                                 |
| OCT,2017  | 6.00                                 | 14.20                                | 41.70                                 |
| NOV,2017  | 6.30                                 | 13.50                                | 58.00                                 |
| DEC,2017  | 7.70                                 | 15.30                                | 104.20                                |

**Table No. 8: Monthly Avg. Ambient Air quality Data of Silchar town  
(based on 2 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2017 | 5.80                                 | 10.30                                | 53.40                                 |
| FEB, 2017 | 6.00                                 | 10.50                                | 53.70                                 |
| MAR, 2017 | 6.10                                 | 10.50                                | 50.80                                 |
| APR, 2017 | 5.90                                 | 10.00                                | 46.50                                 |
| MAY,2017  | 6.40                                 | 10.40                                | 49.80                                 |
| JUN,2017  | 6.00                                 | 10.70                                | 43.50                                 |
| JUL,2017  | 5.30                                 | 10.30                                | 38.50                                 |
| AUG,2017  | 6.10                                 | 10.00                                | 45.60                                 |
| SEP,2017  | 6.40                                 | 9.80                                 | 43.30                                 |
| OCT,2017  | 6.60                                 | 10.30                                | 46.50                                 |
| NOV,2017  | 6.80                                 | 11.00                                | 51.30                                 |
| DEC,2017  | 7.00                                 | 10.90                                | 51.90                                 |

**Table No. 9: Monthly Avg. Ambient Air quality Data of Margherita town  
(based on 1 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2017 | 10.20                                | 19.00                                | 96.40                                 |
| FEB, 2017 | 8.30                                 | 18.00                                | 103.90                                |
| MAR, 2017 | 6.90                                 | 16.40                                | 89.30                                 |
| APR, 2017 | 6.90                                 | 14.80                                | 73.70                                 |
| MAY,2017  | NA                                   | NA                                   | NA                                    |
| JUN,2017  | 5.40                                 | 13.10                                | 35.10                                 |
| JUL,2017  | 6.20                                 | 10.80                                | 37.40                                 |
| AUG,2017  | 6.30                                 | 12.60                                | 37.80                                 |
| SEP,2017  | 6.30                                 | 12.60                                | 45.90                                 |
| OCT,2017  | 6.20                                 | 12.40                                | 43.20                                 |
| NOV,2017  | 6.30                                 | 12.90                                | 44.40                                 |
| DEC,2017  | 6.30                                 | 12.90                                | 58.40                                 |

**NA: The station was non-operational during May, 2017 due to technical problem**

**Table No. 10: Monthly Avg. Ambient Air quality Data of Lakhimpur town  
(based on 1 AAQM Station)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2017 | 9.90                                 | 19.60                                | 106.60                                |
| FEB, 2017 | 9.30                                 | 21.30                                | 150.30                                |
| MAR, 2017 | 8.30                                 | 19.20                                | 90.10                                 |
| APR, 2017 | 8.10                                 | 20.20                                | 71.70                                 |
| MAY, 2017 | 8.00                                 | 18.30                                | 49.40                                 |
| JUN, 2017 | 6.30                                 | 15.80                                | 30.90                                 |
| JUL, 2017 | 5.40                                 | 12.90                                | 31.80                                 |
| AUG, 2017 | 5.10                                 | 13.30                                | 26.60                                 |
| SEP, 2017 | 6.40                                 | 14.00                                | 26.70                                 |
| OCT, 2017 | 7.10                                 | 16.50                                | 51.40                                 |
| NOV, 2017 | 8.10                                 | 19.20                                | 46.90                                 |
| DEC, 2017 | 9.50                                 | 22.00                                | 78.30                                 |

**Table No. 11: Monthly Avg. Ambient Air quality Data of Tinsukia town  
(based on 3 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2017 | 9.60                                 | 19.00                                | 103.10                                |
| FEB, 2017 | 8.20                                 | 17.60                                | 139.30                                |
| MAR, 2017 | 8.20                                 | 19.40                                | 89.60                                 |
| APR, 2017 | 8.10                                 | 17.90                                | 62.90                                 |
| MAY, 2017 | 7.10                                 | 15.90                                | 52.50                                 |
| JUN, 2017 | 5.50                                 | 14.10                                | 37.90                                 |
| JUL, 2017 | 6.10                                 | 12.20                                | 43.90                                 |
| AUG, 2017 | 6.60                                 | 13.60                                | 54.30                                 |
| SEP, 2017 | 6.60                                 | 13.10                                | 43.10                                 |
| OCT, 2017 | 7.10                                 | 14.70                                | 69.40                                 |
| NOV, 2017 | 7.30                                 | 14.90                                | 72.20                                 |
| DEC, 2017 | 7.30                                 | 15.20                                | 88.60                                 |

**Table No. 12: Monthly Avg. Ambient Air quality Data of Nagaon town  
(based on 1 AAQM Station)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2017 | NA                                   | NA                                   | NA                                    |
| FEB, 2017 | 5.60                                 | 14.80                                | 163.20                                |
| MAR, 2017 | 6.80                                 | 16.00                                | 135.90                                |
| APR, 2017 | 6.90                                 | 16.90                                | 89.20                                 |
| MAY, 2017 | 6.30                                 | 15.80                                | 58.70                                 |
| JUN, 2017 | 6.50                                 | 15.70                                | 53.40                                 |
| JUL, 2017 | 5.80                                 | 15.40                                | 48.00                                 |
| AUG, 2017 | 5.80                                 | 12.00                                | 35.90                                 |
| SEP, 2017 | 6.50                                 | 15.30                                | 35.70                                 |
| OCT, 2017 | 7.10                                 | 15.10                                | 50.60                                 |
| NOV, 2017 | 9.10                                 | 19.20                                | 80.10                                 |
| DEC, 2017 | 10.50                                | 19.30                                | 127.40                                |

NA: The station was non-operational during Jan, 2017 due to technical problem

Table No. 13: Monthly Avg. Ambient Air quality Data of Nalbari town

(based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2017 | 8.50                                 | 18.70                                | 126.60                                |
| FEB, 2017 | 6.40                                 | 15.60                                | 163.20                                |
| MAR, 2017 | 6.30                                 | 15.10                                | 197.00                                |
| APR, 2017 | 5.70                                 | 14.80                                | 83.90                                 |
| MAY, 2017 | 7.40                                 | 20.60                                | 72.10                                 |
| JUN, 2017 | 6.40                                 | 15.80                                | 57.40                                 |
| JUL, 2017 | 5.30                                 | 13.20                                | 41.70                                 |
| AUG, 2017 | 6.00                                 | 15.00                                | 60.30                                 |
| SEP, 2017 | 4.70                                 | 12.60                                | 74.30                                 |
| OCT, 2017 | 5.10                                 | 14.50                                | 57.50                                 |
| NOV, 2017 | 6.00                                 | 14.70                                | 75.40                                 |
| DEC, 2017 | 7.70                                 | 18.90                                | 117.10                                |

**Ambient Air Quality Status during 2018**

**Table No. 1: Monthly Avg. Ambient Air quality Data of Guwahati City  
(based on 6 MAAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) | PM <sub>2.5</sub> (µg/m <sup>3</sup> ) | CO (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|--|-------------------------|
| JAN, 2018 | 8.50                                 | 18.80                                | 166.60                                | 148.00                                 | 1.35                    |
| FEB, 2018 | 8.30                                 | 19.10                                | 190.00                                | 146.20                                 | 1.09                    |
| MAR, 2018 | 7.70                                 | 18.60                                | 164.60                                | 85.70                                  | 0.74                    |
| APR, 2018 | 7.40                                 | 17.30                                | 136.70                                | 70.20                                  | 0.53                    |
| MAY,2018  | 11.80                                | 21.50                                | 85.30                                 | 56.30                                  | 0.27                    |
| JUN,2018  | 8.00                                 | 18.90                                | 70.60                                 | 46.10                                  | 0.23                    |
| JUL,2018  | 5.60                                 | 15.00                                | 61.30                                 | 35.80                                  | 0.19                    |
| AUG,2018  | 6.00                                 | 16.80                                | 52.60                                 | 28.60                                  | 0.17                    |
| SEP,2018  | 5.80                                 | 16.70                                | 60.70                                 | 36.30                                  | 0.17                    |
| OCT,2018  | 5.70                                 | 16.30                                | 81.80                                 | 36.70                                  | 0.26                    |
| NOV,2018  | 7.20                                 | 17.30                                | 127.10                                | 79.90                                  | 0.54                    |
| DEC,2018  | 7.30                                 | 16.60                                | 140.30                                | 86.40                                  | 1.13                    |

**Table No. 2: Monthly Avg. Ambient Air quality Data of Bongaigaon Town  
(based on 2 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2018 | 4.60                                 | 12.90                                | 54.40                                 |
| FEB, 2018 | 4.90                                 | 13.40                                | 56.50                                 |
| MAR, 2018 | 5.20                                 | 13.80                                | 73.30                                 |
| APR, 2018 | 5.10                                 | 12.80                                | 62.30                                 |
| MAY,2018  | 4.70                                 | 12.90                                | 65.80                                 |
| JUN,2018  | 4.50                                 | 12.80                                | 57.60                                 |
| JUL,2018  | 4.30                                 | 12.20                                | 44.10                                 |
| AUG,2018  | 4.10                                 | 12.50                                | 43.20                                 |
| SEP,2018  | 4.50                                 | 12.60                                | 43.00                                 |
| OCT,2018  | 4.30                                 | 12.20                                | 40.20                                 |
| NOV,2018  | 9.60                                 | 20.00                                | 73.30                                 |
| DEC,2018  | 3.90                                 | 12.40                                | 41.30                                 |

**Table No. 3: Monthly Avg. Ambient Air quality Data of Tezpur Town  
(based on 2 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2018 | 7.60                                 | 19.10                                | 148.80                                |
| FEB, 2018 | 9.20                                 | 19.50                                | 159.70                                |
| MAR, 2018 | 8.30                                 | 16.60                                | 156.90                                |
| APR, 2018 | 8.50                                 | 16.80                                | 107.10                                |
| MAY,2018  | 11.20                                | 20.10                                | 88.10                                 |
| JUN,2018  | 7.40                                 | 17.00                                | 117.10                                |
| JUL,2018  | 6.10                                 | 15.10                                | 105.10                                |
| AUG,2018  | 6.30                                 | 16.00                                | 70.40                                 |
| SEP,2018  | 6.00                                 | 15.40                                | 74.70                                 |
| OCT,2018  | 6.30                                 | 14.10                                | 100.40                                |
| NOV,2018  | 6.50                                 | 16.90                                | 118.70                                |
| DEC,2018  | 6.40                                 | 15.60                                | 139.40                                |



**Table No. 4: Monthly Avg. Ambient Air quality Data of Sivasagar Town  
(based on 2 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2018 | 7.30                                 | 15.00                                | 81.80                                 |
| FEB, 2018 | 6.80                                 | 14.30                                | 83.30                                 |
| MAR, 2018 | 7.50                                 | 15.50                                | 92.90                                 |
| APR, 2018 | 6.70                                 | 14.30                                | 77.90                                 |
| MAY,2018  | 6.60                                 | 14.80                                | 82.80                                 |
| JUN,2018  | 5.90                                 | 11.70                                | 77.50                                 |
| JUL,2018  | 5.60                                 | 12.30                                | 55.20                                 |
| AUG,2018  | 6.40                                 | 13.30                                | 52.40                                 |
| SEP,2018  | 6.00                                 | 12.50                                | 56.70                                 |
| OCT,2018  | 6.50                                 | 13.00                                | 61.10                                 |
| NOV,2018  | 7.20                                 | 14.80                                | 73.90                                 |
| DEC,2018  | 6.60                                 | 14.00                                | 67.30                                 |

**Table No. 5: Monthly Avg. Ambient Air quality Data of Dibrugarh Town  
(based on 1 AAQM Station)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2018 | 7.50                                 | 15.50                                | 92.60                                 |
| FEB, 2018 | 6.50                                 | 13.90                                | 78.90                                 |
| MAR, 2018 | 5.80                                 | 11.80                                | 49.50                                 |
| APR, 2018 | 4.90                                 | 11.10                                | 68.80                                 |
| MAY,2018  | 5.60                                 | 11.90                                | 87.70                                 |
| JUN,2018  | 5.10                                 | 10.30                                | 42.50                                 |
| JUL,2018  | 4.60                                 | 10.40                                | 34.60                                 |
| AUG,2018  | 5.70                                 | 11.80                                | 32.70                                 |
| SEP,2018  | 5.30                                 | 10.80                                | 31.40                                 |
| OCT,2018  | 5.70                                 | 12.20                                | 40.70                                 |
| NOV,2018  | 6.40                                 | 12.80                                | 49.10                                 |
| DEC,2018  | 5.40                                 | 11.40                                | 42.30                                 |

**Table No. 6: Monthly Avg. Ambient Air quality Data of Golaghat Town  
(based on 1 AAQM Station)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2018 | 7.50                                 | 16.00                                | 86.20                                 |
| FEB, 2018 | 7.30                                 | 14.80                                | 103.80                                |
| MAR, 2018 | 6.50                                 | 12.40                                | 74.90                                 |
| APR, 2018 | 4.90                                 | 10.80                                | 67.40                                 |
| MAY,2018  | 4.60                                 | 9.90                                 | 29.10                                 |
| JUN,2018  | 5.20                                 | 10.40                                | 55.10                                 |
| JUL,2018  | 4.80                                 | 10.60                                | 29.10                                 |
| AUG,2018  | 5.70                                 | 11.70                                | 35.80                                 |
| SEP,2018  | 5.50                                 | 11.60                                | 37.30                                 |
| OCT,2018  | 5.70                                 | 11.90                                | 43.60                                 |
| NOV,2018  | 6.50                                 | 13.40                                | 57.00                                 |
| DEC,2018  | 6.20                                 | 12.70                                | 55.90                                 |



**Table No. 7: Monthly Avg. Ambient Air quality Data of Darranga, Baksa  
 (based on 1 AAQM Station)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2018 | 8.10                                 | 16.90                                | 106.30                                |
| FEB, 2018 | 7.40                                 | 17.90                                | 150.80                                |
| MAR, 2018 | 7.70                                 | 17.10                                | 101.30                                |
| APR, 2018 | 6.90                                 | 15.70                                | 86.70                                 |
| MAY, 2018 | 9.40                                 | 17.60                                | 61.10                                 |
| JUN, 2018 | 5.90                                 | 14.30                                | 50.90                                 |
| JUL, 2018 | 5.60                                 | 14.80                                | 45.80                                 |
| AUG, 2018 | 5.20                                 | 14.60                                | 46.90                                 |
| SEP, 2018 | 5.40                                 | 14.70                                | 39.70                                 |
| OCT, 2018 | 5.70                                 | 13.40                                | 44.50                                 |
| NOV, 2018 | 5.60                                 | 13.80                                | 55.20                                 |
| DEC, 2018 | 6.80                                 | 15.10                                | 82.90                                 |

**Table No. 8: Monthly Avg. Ambient Air quality Data of Silchar town  
 (based on 2 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2018 | 6.80                                 | 10.70                                | 53.90                                 |
| FEB, 2018 | 6.80                                 | 10.70                                | 52.40                                 |
| MAR, 2018 | 6.30                                 | 10.50                                | 54.40                                 |
| APR, 2018 | 6.10                                 | 10.20                                | 49.50                                 |
| MAY, 2018 | 6.00                                 | 9.90                                 | 48.80                                 |
| JUN, 2018 | 5.70                                 | 9.70                                 | 46.70                                 |
| JUL, 2018 | 6.00                                 | 10.00                                | 48.10                                 |
| AUG, 2018 | 5.90                                 | 9.70                                 | 43.60                                 |
| SEP, 2018 | 6.40                                 | 10.10                                | 48.20                                 |
| OCT, 2018 | 6.10                                 | 10.30                                | 46.30                                 |
| NOV, 2018 | 6.20                                 | 10.40                                | 48.70                                 |
| DEC, 2018 | 6.80                                 | 10.70                                | 48.30                                 |

**Table No. 9: Monthly Avg. Ambient Air quality Data of Margherita town  
 (based on 1 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2018 | 6.80                                 | 13.90                                | 74.10                                 |
| FEB, 2018 | 7.10                                 | 14.70                                | 85.70                                 |
| MAR, 2018 | 7.50                                 | 14.10                                | 75.20                                 |
| APR, 2018 | 7.00                                 | 14.00                                | 75.00                                 |
| MAY, 2018 | 6.10                                 | 12.40                                | 68.50                                 |
| JUN, 2018 | 4.90                                 | 10.10                                | 40.10                                 |
| JUL, 2018 | 4.60                                 | 10.10                                | 26.10                                 |
| AUG, 2018 | 5.70                                 | 12.10                                | 29.90                                 |
| SEP, 2018 | 5.20                                 | 10.90                                | 28.60                                 |
| OCT, 2018 | 5.90                                 | 11.90                                | 42.00                                 |
| NOV, 2018 | 6.10                                 | 12.60                                | 53.30                                 |
| DEC, 2018 | 6.10                                 | 12.80                                | 59.50                                 |

Table No. 10: Monthly Avg. Ambient Air quality Data of Lakhimpur town  
(based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2018 | 10.70                                | 22.60                                | 89.90                                 |
| FEB, 2018 | 12.90                                | 24.30                                | 102.40                                |
| MAR, 2018 | 9.90                                 | 20.20                                | 59.00                                 |
| APR, 2018 | 6.90                                 | 17.10                                | 84.60                                 |
| MAY,2018  | 12.10                                | 19.00                                | 41.60                                 |
| JUN,2018  | 6.90                                 | 17.40                                | 38.00                                 |
| JUL,2018  | 6.30                                 | 15.70                                | 40.20                                 |
| AUG,2018  | 5.80                                 | 13.40                                | 50.10                                 |
| SEP,2018  | 6.10                                 | 15.10                                | 22.80                                 |
| OCT,2018  | 5.70                                 | 14.00                                | 48.00                                 |
| NOV,2018  | 7.50                                 | 16.20                                | 79.00                                 |
| DEC,2018  | 7.80                                 | 17.30                                | 75.50                                 |

Table No. 11: Monthly Avg. Ambient Air quality Data of Tinsukia town  
(based on 3 AAQM Stations)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2018 | 7.50                                 | 15.40                                | 92.50                                 |
| FEB, 2018 | 7.20                                 | 14.90                                | 91.30                                 |
| MAR, 2018 | 6.20                                 | 12.20                                | 76.70                                 |
| APR, 2018 | 6.20                                 | 13.10                                | 73.50                                 |
| MAY,2018  | 5.30                                 | 10.60                                | 40.10                                 |
| JUN,2018  | 5.10                                 | 10.40                                | 43.70                                 |
| JUL,2018  | 4.70                                 | 10.50                                | 30.20                                 |
| AUG,2018  | 5.60                                 | 11.90                                | 31.10                                 |
| SEP,2018  | 5.60                                 | 11.70                                | 32.30                                 |
| OCT,2018  | 5.90                                 | 12.20                                | 41.70                                 |
| NOV,2018  | 6.40                                 | 13.40                                | 56.90                                 |
| DEC,2018  | 6.10                                 | 13.00                                | 61.90                                 |

Table No. 12: Monthly Avg. Ambient Air quality Data of Nagaon town  
(based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2018 | 9.20                                 | 17.60                                | 131.10                                |
| FEB, 2018 | 7.80                                 | 18.60                                | 180.80                                |
| MAR, 2018 | 6.80                                 | 15.70                                | 131.30                                |
| APR, 2018 | 6.80                                 | 16.20                                | 131.90                                |
| MAY,2018  | 10.10                                | 19.10                                | 63.20                                 |
| JUN,2018  | 5.40                                 | 18.80                                | 36.40                                 |
| JUL,2018  | 5.90                                 | 16.50                                | 38.20                                 |
| AUG,2018  | 5.60                                 | 16.40                                | 35.10                                 |
| SEP,2018  | 5.40                                 | 13.90                                | 41.50                                 |
| OCT,2018  | 5.50                                 | 13.30                                | 77.10                                 |
| NOV,2018  | 6.30                                 | 15.60                                | 138.50                                |
| DEC,2018  | 7.90                                 | 16.30                                | 135.10                                |

Table No. 13: Monthly Avg. Ambient Air quality Data of Nalbari town  
(based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2018 | 6.90                                 | 15.60                                | 147.90                                |
| FEB, 2018 | 10.20                                | 19.20                                | 147.40                                |
| MAR, 2018 | 8.70                                 | 19.70                                | 120.90                                |
| APR, 2018 | 8.00                                 | 18.50                                | 112.30                                |
| MAY, 2018 | 9.90                                 | 19.80                                | 60.80                                 |
| JUN, 2018 | 6.60                                 | 17.60                                | 59.40                                 |
| JUL, 2018 | 5.90                                 | 17.30                                | 65.10                                 |
| AUG, 2018 | 5.80                                 | 16.60                                | 67.40                                 |
| SEP, 2018 | 5.70                                 | 15.30                                | 65.00                                 |
| OCT, 2018 | 5.90                                 | 15.70                                | 75.10                                 |
| NOV, 2018 | 6.10                                 | 15.80                                | 123.20                                |
| DEC, 2018 | 7.10                                 | 17.90                                | 117.50                                |

**Ambient Air Quality Status during 2019**  
**Table No. 1: Monthly Avg. Ambient Air quality Data of Guwahati City**  
**(based on 6 MAAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) | PM <sub>2.5</sub> (µg/m <sup>3</sup> ) | CO (µg/m <sup>3</sup> ) | O <sub>3</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|--|-------------------------|-------------------------------------|
| JAN, 2019 | 8.5                                  | 17.1                                 | 168.4                                 | 105.70                                 | 1.64                    | 29.97                               |
| FEB, 2019 | 9.3                                  | 18.2                                 | 163.5                                 | 90.10                                  | 1.24                    | 34.03                               |
| MAR, 2019 | 8.3                                  | 18.9                                 | 164.1                                 | 84.50                                  | 1.09                    | 41.26                               |
| APR, 2019 | 9.2                                  | 18.0                                 | 105.8                                 | 58.80                                  | 0.74                    | 47.21                               |
| MAY,2019  | 7.7                                  | 15.8                                 | 62.4                                  | 30.60                                  | 0.54                    | 50.74                               |
| JUN,2019  | 7.3                                  | 14.6                                 | 53.5                                  | 28.70                                  | 0.58                    | 29.66                               |
| JUL,2019  | 6.8                                  | 13.7                                 | 44.7                                  | 26.00                                  | 0.49                    | 15.62                               |
| AUG,2019  | 6.8                                  | 13.3                                 | 47.2                                  | 24.00                                  | 0.49                    | 16.75                               |
| SEP,2019  | 6.9                                  | 12.9                                 | 42.6                                  | 24.70                                  | 0.70                    | 15.52                               |
| OCT,2019  | 6.7                                  | 13.9                                 | 75.7                                  | 51.40                                  | 0.90                    | 18.52                               |
| NOV,2019  | 6.6                                  | 13.8                                 | 92.6                                  | 57.00                                  | 0.90                    | 17.12                               |
| DEC,2019  | 7.0                                  | 13.4                                 | 143.6                                 | 95.80                                  | 1.21                    | 18.53                               |

**Table No. 2: Monthly Avg. Ambient Air quality Data of Bongaigaon Town**  
**(based on 2 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2019 | 4.00                                 | 12.00                                | 42.80                                 |
| FEB, 2019 | 4.50                                 | 12.70                                | 49.30                                 |
| MAR, 2019 | 4.40                                 | 12.90                                | 65.80                                 |
| APR, 2019 | 4.60                                 | 13.00                                | 55.30                                 |
| MAY,2019  | 4.00                                 | 11.70                                | 48.40                                 |
| JUN,2019  | 3.60                                 | 11.40                                | 44.80                                 |
| JUL,2019  | 3.90                                 | 11.40                                | 41.10                                 |
| AUG,2019  | 3.90                                 | 11.60                                | 40.00                                 |
| SEP,2019  | 4.10                                 | 11.30                                | 38.20                                 |
| OCT,2019  | 6.70                                 | 14.00                                | 71.60                                 |
| NOV,2019  | 4.10                                 | 11.30                                | 51.20                                 |
| DEC,2019  | 3.90                                 | 11.50                                | 52.90                                 |

**Table No. 3: Monthly Avg. Ambient Air quality Data of Tezpur Town**  
**(based on 2 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2019 | 7.30                                 | 15.40                                | 128.80                                |
| FEB, 2019 | 8.50                                 | 16.50                                | 140.70                                |
| MAR, 2019 | 6.70                                 | 15.10                                | 143.60                                |
| APR, 2019 | 7.10                                 | 17.20                                | 101.90                                |
| MAY,2019  | 7.30                                 | 16.10                                | 125.00                                |
| JUN,2019  | 6.70                                 | 13.60                                | 99.00                                 |
| JUL,2019  | 6.40                                 | 15.20                                | 77.20                                 |
| AUG,2019  | 6.30                                 | 14.60                                | 75.50                                 |
| SEP,2019  | 6.60                                 | 12.40                                | 49.60                                 |
| OCT,2019  | 6.00                                 | 13.10                                | 67.00                                 |
| NOV,2019  | 6.00                                 | 12.20                                | 58.40                                 |
| DEC,2019  | 6.20                                 | 13.60                                | 89.20                                 |



Table No. 4: Monthly Avg. Ambient Air quality Data of Sivasagar Town  
(based on 2 AAQM Stations)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2019 | 6.50                                 | 13.40                                | 67.80                                 |
| FEB, 2019 | 6.60                                 | 13.70                                | 63.60                                 |
| MAR, 2019 | 6.40                                 | 13.50                                | 59.90                                 |
| APR, 2019 | 6.90                                 | 14.10                                | 66.40                                 |
| MAY,2019  | 6.10                                 | 12.60                                | 51.50                                 |
| JUN,2019  | 5.90                                 | 12.10                                | 48.70                                 |
| JUL,2019  | 5.50                                 | 11.50                                | 45.10                                 |
| AUG,2019  | 5.90                                 | 12.20                                | 48.90                                 |
| SEP,2019  | 5.70                                 | 11.60                                | 42.90                                 |
| OCT,2019  | 5.80                                 | 12.00                                | 47.60                                 |
| NOV,2019  | 5.90                                 | 12.00                                | 56.30                                 |
| DEC,2019  | 6.60                                 | 13.60                                | 71.00                                 |

Table No. 5: Monthly Avg. Ambient Air quality Data of Dibrugarh Town  
(based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2019 | 5.60                                 | 11.80                                | 51.40                                 |
| FEB, 2019 | 5.10                                 | 10.80                                | 36.80                                 |
| MAR, 2019 | 5.20                                 | 10.70                                | 32.40                                 |
| APR, 2019 | 5.30                                 | 10.90                                | 30.50                                 |
| MAY,2019  | 4.70                                 | 9.90                                 | 23.50                                 |
| JUN,2019  | 4.80                                 | 10.30                                | 25.20                                 |
| JUL,2019  | 4.80                                 | 10.20                                | 20.70                                 |
| AUG,2019  | 4.90                                 | 10.30                                | 23.30                                 |
| SEP,2019  | 4.60                                 | 10.10                                | 18.60                                 |
| OCT,2019  | 5.60                                 | 11.50                                | 37.50                                 |
| NOV,2019  | 5.60                                 | 11.50                                | 37.60                                 |
| DEC,2019  | 7.00                                 | 14.60                                | 79.30                                 |

Table No. 6: Monthly Avg. Ambient Air quality Data of Golaghat Town  
(based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2019 | 6.40                                 | 13.20                                | 60.90                                 |
| FEB, 2019 | 6.70                                 | 13.70                                | 66.10                                 |
| MAR, 2019 | 6.50                                 | 13.00                                | 60.80                                 |
| APR, 2019 | 6.80                                 | 13.30                                | 55.40                                 |
| MAY,2019  | 5.60                                 | 11.40                                | 39.00                                 |
| JUN,2019  | 4.90                                 | 10.40                                | 27.50                                 |
| JUL,2019  | 4.80                                 | 10.30                                | 26.00                                 |
| AUG,2019  | 5.50                                 | 11.40                                | 36.80                                 |
| SEP,2019  | 5.00                                 | 11.00                                | 32.30                                 |
| OCT,2019  | 5.60                                 | 11.50                                | 33.50                                 |
| NOV,2019  | 5.40                                 | 11.20                                | 44.20                                 |
| DEC,2019  | 6.10                                 | 12.90                                | 56.90                                 |



**Table No. 7: Monthly Avg. Ambient Air quality Data of Darranga, Baksa  
(based on 1 AAQM Station)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2019 | 8.1                                  | 17.3                                 | 95.8                                  |
| FEB, 2019 | 8.0                                  | 14.0                                 | 91.3                                  |
| MAR, 2019 | 8.5                                  | 16.3                                 | 84.7                                  |
| APR, 2019 | 7.3                                  | 16.6                                 | 47.3                                  |
| MAY, 2019 | 7.2                                  | 15.7                                 | 34.6                                  |
| JUN, 2019 | 6.0                                  | 12.6                                 | 28.1                                  |
| JUL, 2019 | 5.6                                  | 13.3                                 | 22.8                                  |
| AUG, 2019 | 6.2                                  | 13.5                                 | 33.0                                  |
| SEP, 2019 | 6.0                                  | 11.5                                 | 29.4                                  |
| OCT, 2019 | 6.2                                  | 13.1                                 | 47.2                                  |
| NOV, 2019 | 6.1                                  | 14.0                                 | 43.5                                  |
| DEC, 2019 | 5.9                                  | 13.7                                 | 53.2                                  |

**Table No. 8: Monthly Avg. Ambient Air quality Data of Silchar town  
(based on 2 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2019 | 6.7                                  | 11.5                                 | 49.4                                  |
| FEB, 2019 | 6.3                                  | 11.6                                 | 52.2                                  |
| MAR, 2019 | 6.7                                  | 11.7                                 | 47.3                                  |
| APR, 2019 | 6.7                                  | 11.4                                 | 46.3                                  |
| MAY, 2019 | 6.3                                  | 10.4                                 | 48.0                                  |
| JUN, 2019 | 6.1                                  | 10.2                                 | 45.5                                  |
| JUL, 2019 | 6.2                                  | 10.5                                 | 44.0                                  |
| AUG, 2019 | 6.5                                  | 10.7                                 | 45.2                                  |
| SEP, 2019 | 6.4                                  | 10.1                                 | 44.5                                  |
| OCT, 2019 | 7.0                                  | 10.9                                 | 46.6                                  |
| NOV, 2019 | 6.9                                  | 11.0                                 | 43.9                                  |
| DEC, 2019 | 7.1                                  | 11.0                                 | 45.1                                  |

**Table No. 9: Monthly Avg. Ambient Air quality Data of Margherita town  
(based on 1 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2019 | 6.50                                 | 13.50                                | 69.30                                 |
| FEB, 2019 | 6.90                                 | 14.10                                | 69.40                                 |
| MAR, 2019 | 6.30                                 | 12.80                                | 58.80                                 |
| APR, 2019 | 6.30                                 | 13.00                                | 55.10                                 |
| MAY, 2019 | 5.90                                 | 12.20                                | 53.10                                 |
| JUN, 2019 | 5.20                                 | 11.10                                | 31.10                                 |
| JUL, 2019 | 5.20                                 | 10.90                                | 33.70                                 |
| AUG, 2019 | 5.30                                 | 10.90                                | 28.90                                 |
| SEP, 2019 | 4.90                                 | 10.30                                | 23.60                                 |
| OCT, 2019 | 5.90                                 | 12.10                                | 38.90                                 |
| NOV, 2019 | 5.80                                 | 11.90                                | 44.70                                 |
| DEC, 2019 | 5.60                                 | 11.60                                | 49.60                                 |

**Table No. 10: Monthly Avg. Ambient Air quality Data of Lakhimpur town  
(based on 1 AAQM Station)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2019 | 7.4                                  | 15.6                                 | 85.3                                  |
| FEB, 2019 | 7.8                                  | 15.0                                 | 117.7                                 |
| MAR, 2019 | 7.6                                  | 16.1                                 | 55.6                                  |
| APR, 2019 | 7.2                                  | 15.8                                 | 49.0                                  |
| MAY,2019  | 7.3                                  | 13.6                                 | 44.0                                  |
| JUN,2019  | 7.5                                  | 14.3                                 | 47.3                                  |
| JUL,2019  | 5.7                                  | 13.1                                 | 24.6                                  |
| AUG,2019  | 6.1                                  | 12.7                                 | 31.9                                  |
| SEP,2019  | 5.8                                  | 12.4                                 | 27.1                                  |
| OCT,2019  | 5.6                                  | 12.3                                 | 47.4                                  |
| NOV,2019  | 5.7                                  | 13.6                                 | 54.3                                  |
| DEC,2019  | 5.8                                  | 12.7                                 | 78.8                                  |

**Table No. 11: Monthly Avg. Ambient Air quality Data of Tinsukia town  
(based on 3 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2019 | 6.50                                 | 13.80                                | 71.30                                 |
| FEB, 2019 | 6.30                                 | 13.00                                | 61.60                                 |
| MAR, 2019 | 6.20                                 | 12.70                                | 53.30                                 |
| APR, 2019 | 6.50                                 | 13.50                                | 56.60                                 |
| MAY,2019  | 5.80                                 | 12.00                                | 49.90                                 |
| JUN,2019  | 5.30                                 | 11.50                                | 37.30                                 |
| JUL,2019  | 5.00                                 | 10.60                                | 30.20                                 |
| AUG,2019  | 5.40                                 | 11.10                                | 32.70                                 |
| SEP,2019  | 5.10                                 | 10.50                                | 29.80                                 |
| OCT,2019  | 5.90                                 | 12.20                                | 45.40                                 |
| NOV,2019  | 6.30                                 | 12.90                                | 59.00                                 |
| DEC,2019  | 6.30                                 | 12.90                                | 64.30                                 |

NA: The station was non-operational during April, 2020 due to Pandemic Covid-19

**Table No. 12: Monthly Avg. Ambient Air quality Data of Nagaon town  
(based on 1 AAQM Station)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2019 | 8.40                                 | 16.60                                | 148.10                                |
| FEB, 2019 | 7.60                                 | 18.40                                | 188.40                                |
| MAR, 2019 | 8.70                                 | 17.60                                | 127.00                                |
| APR, 2019 | 7.10                                 | 15.00                                | 146.60                                |
| MAY,2019  | 7.70                                 | 16.10                                | 87.60                                 |
| JUN,2019  | 6.40                                 | 16.10                                | 95.10                                 |
| JUL,2019  | 6.70                                 | 14.40                                | 77.30                                 |
| AUG,2019  | 6.20                                 | 11.60                                | 77.80                                 |
| SEP,2019  | 5.80                                 | 12.10                                | 56.40                                 |
| OCT,2019  | 5.80                                 | 12.70                                | 66.80                                 |
| NOV,2019  | 5.90                                 | 13.20                                | 98.00                                 |
| DEC,2020  | 6.30                                 | 12.20                                | 95.20                                 |

Table No. 13: Monthly Avg. Ambient Air quality Data of Nalbari town  
(based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2019 | 6.8                                  | 14.9                                 | 131.4                                 |
| FEB, 2019 | 7.9                                  | 14.6                                 | 129.2                                 |
| MAR, 2019 | 7.3                                  | 16.1                                 | 105.8                                 |
| APR, 2019 | 6.8                                  | 16.3                                 | 78.3                                  |
| MAY, 2019 | 7.0                                  | 15.6                                 | 90.1                                  |
| JUN, 2019 | 7.3                                  | 15.0                                 | 61.0                                  |
| JUL, 2019 | 5.8                                  | 13.4                                 | 73.0                                  |
| AUG, 2019 | 5.8                                  | 12.3                                 | 81.6                                  |
| SEP, 2019 | NA                                   | NA                                   | NA                                    |
| OCT, 2019 | NA                                   | NA                                   | NA                                    |
| NOV, 2019 | 5.8                                  | 12.7                                 | 54.8                                  |
| DEC, 2019 | 5.7                                  | 13.8                                 | 62.6                                  |

NA: The station was non-operational during Sept and Oct, 2019 due to Technical problem.

**Ambient Air Quality Status during 2020**

**Table No. 1: Monthly Avg. Ambient Air quality Data of Guwahati City  
(based on 6 MAAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) | PM <sub>2.5</sub> (µg/m <sup>3</sup> ) | CO (µg/m <sup>3</sup> ) | O <sub>3</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|--|-------------------------|-------------------------------------|
| JAN, 2020 | 7.10                                 | 14.30                                | 163.70                                | 105.60                                 | 1.23                    | 19.10                               |
| FEB, 2020 | 7.30                                 | 15.20                                | 167.90                                | 110.90                                 | 1.12                    | 19.10                               |
| MAR, 2020 | 7.50                                 | 14.70                                | 134.60                                | 86.70                                  | 0.58                    | 19.81                               |
| APR, 2020 | 5.60                                 | 8.20                                 | 47.40                                 | 26.50                                  | 0.35                    | 33.92                               |
| MAY, 2020 | 5.40                                 | 9.70                                 | 52.30                                 | 33.90                                  | 0.43                    | 34.20                               |
| JUN, 2020 | 6.00                                 | 11.80                                | 44.10                                 | 26.30                                  | 0.49                    | 27.43                               |
| JUL, 2020 | 5.80                                 | 11.60                                | 40.60                                 | 21.90                                  | 0.48                    | 21.47                               |
| AUG, 2020 | 5.90                                 | 12.20                                | 38.70                                 | 22.60                                  | 0.45                    | 20.79                               |
| SEP, 2020 | 5.90                                 | 11.70                                | 47.20                                 | 24.40                                  | 0.60                    | 20.48                               |
| OCT, 2020 | 6.30                                 | 12.60                                | 51.70                                 | 34.20                                  | 0.80                    | 20.43                               |
| NOV, 2020 | 6.90                                 | 13.60                                | 88.10                                 | 56.40                                  | 1.24                    | 19.62                               |
| DEC, 2020 | 6.40                                 | 13.50                                | 117.30                                | 89.80                                  | 1.80                    | 19.24                               |

**Table No. 2: Monthly Avg. Ambient Air quality Data of Bongaigaon Town  
(based on 2 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2020 | 4.70                                 | 11.70                                | 59.80                                 |
| FEB, 2020 | 4.90                                 | 12.50                                | 71.70                                 |
| MAR, 2020 | 4.70                                 | 12.20                                | 65.20                                 |
| APR, 2020 | 3.10                                 | 9.40                                 | 39.80                                 |
| MAY, 2020 | 3.70                                 | 10.10                                | 42.30                                 |
| JUN, 2020 | 3.60                                 | 10.40                                | 39.90                                 |
| JUL, 2020 | 3.80                                 | 10.30                                | 41.10                                 |
| AUG, 2020 | 3.70                                 | 10.40                                | 39.40                                 |
| SEP, 2020 | 4.10                                 | 10.70                                | 39.80                                 |
| OCT, 2020 | 4.10                                 | 10.60                                | 40.90                                 |
| NOV, 2020 | 4.80                                 | 11.30                                | 50.20                                 |
| DEC, 2020 | 4.20                                 | 11.00                                | 42.70                                 |

**Table No. 3: Monthly Avg. Ambient Air quality Data of Tezpur Town  
(based on 2 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2020 | 5.90                                 | 14.30                                | 89.10                                 |
| FEB, 2020 | 5.60                                 | 12.90                                | 79.30                                 |
| MAR, 2020 | 6.40                                 | 12.00                                | 66.20                                 |
| APR, 2020 | NA                                   | NA                                   | NA                                    |
| MAY, 2020 | 5.10                                 | 9.50                                 | 31.00                                 |
| JUN, 2020 | 5.60                                 | 11.30                                | 25.90                                 |
| JUL, 2020 | 5.80                                 | 10.80                                | 16.30                                 |
| AUG, 2020 | 5.50                                 | 12.90                                | 36.40                                 |
| SEP, 2020 | 6.90                                 | 12.10                                | 39.60                                 |
| OCT, 2020 | 6.20                                 | 13.50                                | 57.90                                 |
| NOV, 2020 | 6.10                                 | 13.80                                | 69.40                                 |
| DEC, 2020 | 5.90                                 | 13.80                                | 65.90                                 |

NA: The station was non-operational during April, 2020 due to Pandemic Covid-19



Table No. 4: Monthly Avg. Ambient Air quality Data of Sivasagar Town  
(based on 2 AAQM Stations)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2020 | 6.50                                 | 13.70                                | 70.50                                 |
| FEB, 2020 | 6.10                                 | 12.80                                | 64.70                                 |
| MAR, 2020 | 5.90                                 | 12.60                                | 53.90                                 |
| APR, 2020 | 4.80                                 | 10.20                                | 35.80                                 |
| MAY,2020  | 5.60                                 | 11.80                                | 46.30                                 |
| JUN,2020  | 5.50                                 | 11.30                                | 42.40                                 |
| JUL,2020  | 5.50                                 | 11.30                                | 39.20                                 |
| AUG,2020  | 5.60                                 | 11.70                                | 39.80                                 |
| SEP,2020  | 5.30                                 | 11.00                                | 35.10                                 |
| OCT,2020  | 5.30                                 | 11.20                                | 32.90                                 |
| NOV,2020  | 5.50                                 | 11.60                                | 39.10                                 |
| DEC,2020  | 6.00                                 | 12.60                                | 59.90                                 |

Table No. 5: Monthly Avg. Ambient Air quality Data of Dibrugarh Town  
(based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2020 | 6.20                                 | 12.80                                | 55.00                                 |
| FEB, 2020 | 6.30                                 | 13.40                                | 58.90                                 |
| MAR, 2020 | 5.50                                 | 11.80                                | 44.80                                 |
| APR, 2020 | 4.80                                 | 10.40                                | 28.70                                 |
| MAY,2020  | 4.70                                 | 9.90                                 | 32.60                                 |
| JUN,2020  | 4.40                                 | 10.30                                | 23.40                                 |
| JUL,2020  | 5.50                                 | 11.30                                | 27.80                                 |
| AUG,2020  | 4.80                                 | 10.10                                | 20.10                                 |
| SEP,2020  | 4.30                                 | 9.30                                 | 18.80                                 |
| OCT,2020  | 4.90                                 | 10.50                                | 24.20                                 |
| NOV,2020  | 5.60                                 | 11.80                                | 31.10                                 |
| DEC,2020  | 5.40                                 | 11.00                                | 37.30                                 |

Table No. 6: Monthly Avg. Ambient Air quality Data of Golaghat Town  
(based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2020 | 6.60                                 | 13.90                                | 73.80                                 |
| FEB, 2020 | 5.70                                 | 12.00                                | 58.00                                 |
| MAR, 2020 | 6.30                                 | 13.10                                | 60.40                                 |
| APR, 2020 | 4.50                                 | 9.60                                 | 38.50                                 |
| MAY,2020  | 5.30                                 | 11.20                                | 47.00                                 |
| JUN,2020  | 5.40                                 | 11.50                                | 43.60                                 |
| JUL,2020  | 5.80                                 | 12.10                                | 45.60                                 |
| AUG,2020  | 5.70                                 | 12.10                                | 55.70                                 |
| SEP,2020  | 4.90                                 | 10.40                                | 30.80                                 |
| OCT,2020  | NA                                   | NA                                   | NA                                    |
| NOV,2020  | 5.60                                 | 12.20                                | 40.80                                 |
| DEC,2020  | 5.80                                 | 12.20                                | 45.80                                 |

NA: The station was non-operational during Oct, 2020 due to Technical Problem



Table No. 7: Monthly Avg. Ambient Air quality Data of Darranga, Baksa  
(based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2020 | 5.90                                 | 14.60                                | 61.60                                 |
| FEB, 2020 | 6.20                                 | 14.70                                | 83.10                                 |
| MAR, 2020 | 6.30                                 | 12.70                                | 48.50                                 |
| APR, 2020 | NA                                   | NA                                   | NA                                    |
| MAY,2020  | 5.70                                 | 10.20                                | 28.20                                 |
| JUN,2020  | 5.60                                 | 10.00                                | 26.40                                 |
| JUL,2020  | 5.30                                 | 10.10                                | 26.50                                 |
| AUG,2020  | 5.10                                 | 11.50                                | 36.60                                 |
| SEP,2020  | 6.30                                 | 11.50                                | 24.00                                 |
| OCT,2020  | 5.80                                 | 12.60                                | 39.70                                 |
| NOV,2020  | 6.40                                 | 13.30                                | 43.10                                 |
| DEC,2020  | 5.80                                 | 13.00                                | 55.20                                 |

NA: The station was non-operational during April, 2020 due to Pandemic Covid-19

Table No. 8: Monthly Avg. Ambient Air quality Data of Silchar town  
(based on 2 AAQM Stations)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2020 | 7.40                                 | 11.30                                | 44.50                                 |
| FEB, 2020 | 7.60                                 | 11.20                                | 45.90                                 |
| MAR, 2020 | 6.40                                 | 10.70                                | 46.00                                 |
| APR, 2020 | 6.10                                 | 8.00                                 | 35.00                                 |
| MAY,2020  | 6.00                                 | 8.60                                 | 32.90                                 |
| JUN,2020  | 6.20                                 | 9.50                                 | 35.60                                 |
| JUL,2020  | 6.60                                 | 9.60                                 | 35.40                                 |
| AUG,2020  | 7.00                                 | 9.60                                 | 33.90                                 |
| SEP,2020  | 6.70                                 | 9.90                                 | 36.50                                 |
| OCT,2020  | 8.00                                 | 10.50                                | 43.10                                 |
| NOV,2020  | 7.40                                 | 10.70                                | 44.40                                 |
| DEC,2020  | 7.90                                 | 10.10                                | 46.30                                 |

Table No. 9: Monthly Avg. Ambient Air quality Data of Margherita town  
(based on 1 AAQM Stations)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2020 | 6.70                                 | 13.90                                | 69.30                                 |
| FEB, 2020 | 6.70                                 | 13.90                                | 68.10                                 |
| MAR, 2020 | 6.60                                 | 13.40                                | 61.30                                 |
| APR, 2020 | NA                                   | NA                                   | NA                                    |
| MAY,2020  | 5.50                                 | 11.40                                | 47.20                                 |
| JUN,2020  | 5.20                                 | 10.50                                | 34.10                                 |
| JUL,2020  | 4.50                                 | 9.80                                 | 22.60                                 |
| AUG,2020  | 4.60                                 | 9.70                                 | 15.90                                 |
| SEP,2020  | 4.40                                 | 9.70                                 | 18.00                                 |
| OCT,2020  | 5.10                                 | 10.40                                | 20.80                                 |
| NOV,2020  | 5.40                                 | 11.40                                | 31.40                                 |
| DEC,2020  | 6.10                                 | 12.70                                | 42.90                                 |

NA: The station was non-operational during April, 2020 due to Pandemic Covid-19

**Table No. 10: Monthly Avg. Ambient Air quality Data of Lakhimpur town  
(based on 1 AAQM Station)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2020 | 5.70                                 | 13.60                                | 63.10                                 |
| FEB, 2020 | 5.80                                 | 13.70                                | 68.30                                 |
| MAR, 2020 | 5.60                                 | 13.00                                | 42.90                                 |
| APR, 2020 | NA                                   | NA                                   | NA                                    |
| MAY,2020  | 5.90                                 | 10.90                                | 39.60                                 |
| JUN,2020  | 4.60                                 | 11.50                                | 26.50                                 |
| JUL,2020  | NA                                   | NA                                   | NA                                    |
| AUG,2020  | 4.70                                 | 12.30                                | 44.90                                 |
| SEP,2020  | 4.70                                 | 12.00                                | 34.90                                 |
| OCT,2020  | 6.40                                 | 12.60                                | 38.00                                 |
| NOV,2020  | 5.60                                 | 12.50                                | 46.60                                 |
| DEC,2020  | 5.40                                 | 13.10                                | 50.90                                 |

NA: The station was non-operational during April & August, 2020 due to Pandemic Covid-19

**Table No. 11: Monthly Avg. Ambient Air quality Data of Tinsukia town  
(based on 3 AAQM Stations)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2020 | 6.15                                 | 13.12                                | 53.64                                 |
| FEB, 2020 | 6.80                                 | 14.23                                | 62.09                                 |
| MAR, 2020 | 5.85                                 | 11.92                                | 43.15                                 |
| APR, 2020 | NA                                   | NA                                   | NA                                    |
| MAY,2020  | 5.38                                 | 11.20                                | 39.24                                 |
| JUN,2020  | 5.01                                 | 10.36                                | 28.48                                 |
| JUL,2020  | 4.88                                 | 10.19                                | 25.07                                 |
| AUG,2020  | 5.63                                 | 12.26                                | 37.01                                 |
| SEP,2020  | 5.28                                 | 11.57                                | 28.68                                 |
| OCT,2020  | 5.04                                 | 10.62                                | 24.55                                 |
| NOV,2020  | 5.49                                 | 12.10                                | 38.52                                 |
| DEC,2020  | 6.20                                 | 12.99                                | 42.69                                 |

NA: The station was non-operational during April, 2020 due to Pandemic Covid-19

**Table No. 12: Monthly Avg. Ambient Air quality Data of Nagaon town  
(based on 1 AAQM Station)**

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2020 | 5.80                                 | 13.90                                | 87.80                                 |
| FEB, 2020 | 5.80                                 | 14.10                                | 118.00                                |
| MAR, 2020 | 6.00                                 | 13.20                                | 106.00                                |
| APR, 2020 | NA                                   | NA                                   | NA                                    |
| MAY,2020  | 3.20                                 | 6.50                                 | 45.00                                 |
| JUN,2020  | 5.10                                 | 12.00                                | 64.40                                 |
| JUL,2020  | 4.90                                 | 12.90                                | 43.60                                 |
| AUG,2020  | 5.30                                 | 13.10                                | 41.90                                 |
| SEP,2020  | 5.10                                 | 12.40                                | 39.40                                 |
| OCT,2020  | 6.40                                 | 13.30                                | 53.20                                 |
| NOV,2020  | 6.10                                 | 13.10                                | 87.50                                 |
| DEC,2020  | 6.60                                 | 14.70                                | 131.80                                |

NA: The station was non-operational during April, 2020 due to Pandemic Covid-19

Table No. 13: Monthly Avg. Ambient Air quality Data of Nalbari town  
 (based on 1 AAQM Station)

| MONTH     | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|-----------|--------------------------------------|--------------------------------------|---------------------------------------|
| JAN, 2020 | 5.60                                 | 14.20                                | 67.90                                 |
| FEB, 2020 | 5.80                                 | 12.90                                | 91.30                                 |
| MAR, 2020 | 5.50                                 | 12.60                                | 83.40                                 |
| APR, 2020 | NA                                   | NA                                   | NA                                    |
| MAY,2020  | 5.60                                 | 10.50                                | 50.10                                 |
| JUN,2020  | 6.50                                 | 11.50                                | 47.80                                 |
| JUL,2020  | 5.00                                 | 14.00                                | 29.40                                 |
| AUG,2020  | 5.40                                 | 14.00                                | 31.40                                 |
| SEP,2020  | 6.00                                 | 12.50                                | 27.90                                 |
| OCT,2020  | 6.60                                 | 13.30                                | 29.70                                 |
| NOV,2020  | 6.30                                 | 13.20                                | 54.80                                 |
| DEC,2020  | 6.20                                 | 14.20                                | 81.90                                 |

NA: The station was non-operational during April, 2020 due to Pandemic Covid-19.

**Ambient Air Quality Status during 2021**

**Table No. 1: Monthly Avg. Ambient Air quality Data of Guwahati City  
(based on 7 MAAQM Stations)**

| Months   | Parameters                            |                                       |  |   |
|----------|---------------------------------------|---------------------------------------|--|---|
|          | SO <sub>2</sub> (µg m <sup>-3</sup> ) | NO <sub>2</sub> (µg m <sup>-3</sup> ) | PM <sub>10</sub> (µg m <sup>-3</sup> ) | PM <sub>2.5</sub> (µg m <sup>-3</sup> ) |
| Jan,2021 | 6.30                                  | 14.00                                 | 132.60                                 | 97.81                                   |
| Feb,2021 | 6.30                                  | 13.70                                 | 167.10                                 | 109.60                                  |
| Mar,2021 | 6.50                                  | 13.80                                 | 165.10                                 | 97.13                                   |
| Apr,2021 | 6.40                                  | 13.30                                 | 130.70                                 | 72.25                                   |
| May,2021 | 6.10                                  | 14.00                                 | 77.90                                  | 39.24                                   |
| Jun,2021 | 6.10                                  | 13.60                                 | 56.80                                  | 30.36                                   |
| Jul,2021 | 5.90                                  | 14.20                                 | 54.30                                  | 21.85                                   |
| Aug,2021 | 5.60                                  | 13.70                                 | 58.40                                  | 26.41                                   |
| Sep,2021 | 6.30                                  | 13.80                                 | 56.50                                  | 28.66                                   |
| Oct,2021 | 6.80                                  | 15.30                                 | 82.10                                  | 42.18                                   |
| Nov,2021 | 7.00                                  | 17.80                                 | 108.70                                 | 53.73                                   |
| Dec,2021 | 6.90                                  | 16.30                                 | 145.90                                 | 84.56                                   |

**Table No. 2: Monthly Avg. Ambient Air quality Data of Bongaigaon  
(based on 2 AAQM Stations)**

| Month/year | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM10 (µg/m <sup>3</sup> ) |
|------------|--------------------------------------|--------------------------------------|---------------------------|
| Jan, 2021  | 4.30                                 | 10.90                                | 45.60                     |
| Feb, 2021  | 4.20                                 | 11.00                                | 46.10                     |
| Mar, 2021  | 4.00                                 | 10.80                                | 47.30                     |
| Apr, 2021  | 3.80                                 | 10.30                                | 42.20                     |
| May, 2021  | 3.80                                 | 10.40                                | 41.30                     |
| Jun, 2021  | 3.80                                 | 10.30                                | 33.00                     |
| Jul, 2021  | 3.90                                 | 10.60                                | 32.20                     |
| Aug, 2021  | 4.10                                 | 10.70                                | 32.30                     |
| Sept, 2021 | 4.00                                 | 10.50                                | 32.00                     |
| Oct, 2021  | 4.60                                 | 11.30                                | 39.20                     |
| Nov, 2021  | 5.00                                 | 11.80                                | 49.00                     |
| Dec, 2021  | 4.50                                 | 11.10                                | 44.00                     |

**Table No. 3: Monthly Avg. Ambient Air quality Data of Tezpur Town  
(based on 1 AAQM Station)**

| Month/year | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM10 (µg/m <sup>3</sup> ) |
|------------|--------------------------------------|--------------------------------------|---------------------------|
| Jan, 2021  | 6.40                                 | 14.40                                | 111.60                    |
| Feb, 2021  | 5.80                                 | 13.80                                | 138.10                    |
| Mar, 2021  | 5.80                                 | 13.20                                | 135.00                    |
| Apr, 2021  | 5.70                                 | 13.00                                | 119.30                    |
| May, 2021  | 5.70                                 | 15.80                                | 79.70                     |
| Jun, 2021  | 5.30                                 | 15.50                                | 75.40                     |
| Jul, 2021  | 6.00                                 | 15.00                                | 45.30                     |
| Aug, 2021  | 5.60                                 | 13.50                                | 46.80                     |
| Sept, 2021 | 6.50                                 | 14.30                                | 65.80                     |
| Oct, 2021  | 6.80                                 | 14.00                                | 88.20                     |
| Nov, 2021  | 4.70                                 | 10.30                                | 102.30                    |
| Dec, 2021  | 6.40                                 | 12.90                                | 90.20                     |



**Table No. 4: Monthly Avg. Ambient Air quality Data of Sivasagar Town  
(based on 3 AAQM Stations)**

| Months   | Parameters                            |                                       |  |
|----------|---------------------------------------|---------------------------------------|--|
|          | SO <sub>2</sub> (µg m <sup>-3</sup> ) | NO <sub>2</sub> (µg m <sup>-3</sup> ) | PM <sub>10</sub> (µg m <sup>-3</sup> ) |
| Jan,2021 | 5.30                                  | 11.20                                 | 57.90                                  |
| Feb,2021 | 5.20                                  | 11.50                                 | 64.90                                  |
| Mar,2021 | 5.70                                  | 11.70                                 | 55.90                                  |
| Apr,2021 | 6.40                                  | 12.20                                 | 45.60                                  |
| May,2021 | 6.10                                  | 11.70                                 | 41.80                                  |
| Jun,2021 | 5.60                                  | 11.40                                 | 42.20                                  |
| Jul,2021 | 5.70                                  | 11.60                                 | 32.70                                  |
| Aug,2021 | 6.60                                  | 11.80                                 | 25.40                                  |
| Sep,2021 | 5.60                                  | 11.20                                 | 30.50                                  |
| Oct,2021 | 5.50                                  | 11.00                                 | 35.90                                  |
| Nov,2021 | 5.70                                  | 11.40                                 | 48.70                                  |
| Dec,2021 | 6.50                                  | 11.80                                 | 51.00                                  |

**Table No. 5: Monthly Avg. Ambient Air quality Data of Dibrugarh Town  
(based on 1 AAQM Station)**

| Month/year | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM10 (µg/m <sup>3</sup> ) |
|------------|--------------------------------------|--------------------------------------|---------------------------|
| Jan, 2021  | 5.70                                 | 12.00                                | 49.40                     |
| Feb, 2021  | 5.90                                 | 11.60                                | 40.40                     |
| Mar, 2021  | 5.70                                 | 11.80                                | 47.60                     |
| Apr, 2021  | 5.90                                 | 11.70                                | 40.50                     |
| May, 2021  | 6.00                                 | 12.30                                | 48.60                     |
| Jun, 2021  | 5.60                                 | 11.20                                | 39.20                     |
| Jul, 2021  | 6.70                                 | 11.50                                | 29.90                     |
| Aug, 2021  | 6.30                                 | 11.60                                | 21.00                     |
| Sept, 2021 | 5.10                                 | 10.30                                | 29.40                     |
| Oct, 2021  | 5.70                                 | 11.20                                | 40.40                     |
| Nov, 2021  | 6.10                                 | 11.70                                | 51.30                     |
| Dec, 2021  | NA                                   | NA                                   | NA                        |

**NA: The station was non-operational during Dec, 2021 due to technical problem**

**Table No. 6: Monthly Avg. Ambient Air quality Data of Golaghat Town  
(based on 1 AAQM Station)**

| Month/year | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM10 (µg/m <sup>3</sup> ) |
|------------|--------------------------------------|--------------------------------------|---------------------------|
| Jan, 2021  | 6.50                                 | 13.90                                | 76.50                     |
| Feb, 2021  | 5.70                                 | 12.00                                | 78.30                     |
| Mar, 2021  | 6.00                                 | 12.90                                | 62.50                     |
| Apr, 2021  | 5.30                                 | 12.40                                | 55.60                     |
| May, 2021  | 5.00                                 | 12.30                                | 35.80                     |
| Jun, 2021  | 5.10                                 | 11.60                                | 39.90                     |
| Jul, 2021  | 6.10                                 | 11.90                                | 41.90                     |
| Aug, 2021  | 6.40                                 | 11.90                                | 47.70                     |
| Sept, 2021 | 6.00                                 | 11.70                                | 39.30                     |
| Oct, 2021  | 5.20                                 | 10.70                                | 33.10                     |
| Nov, 2021  | 6.40                                 | 12.30                                | 50.20                     |
| Dec, 2021  | 6.60                                 | 13.00                                | 57.30                     |



**Table No. 7: Monthly Avg. Ambient Air quality Data of Darranga, Baksa**  
(based on 1 AAQM Station)

| Month/year | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM10 (µg/m <sup>3</sup> ) |
|------------|--------------------------------------|--------------------------------------|---------------------------|
| Jan, 2021  | 6.00                                 | 12.90                                | 58.10                     |
| Feb, 2021  | 5.60                                 | 12.80                                | 85.40                     |
| Mar, 2021  | 5.90                                 | 12.60                                | 93.60                     |
| Apr, 2021  | 5.80                                 | 12.70                                | 86.20                     |
| May, 2021  | 4.40                                 | 8.80                                 | 30.40                     |
| Jun, 2021  | 5.10                                 | 9.90                                 | 24.80                     |
| Jul, 2021  | 5.60                                 | 12.10                                | 32.00                     |
| Aug, 2021  | 5.20                                 | 12.90                                | 29.30                     |
| Sept, 2021 | 5.60                                 | 14.10                                | 32.60                     |
| Oct, 2021  | 6.80                                 | 13.80                                | 46.40                     |
| Nov, 2021  | 6.50                                 | 13.60                                | 44.30                     |
| Dec, 2021  | 7.10                                 | 14.90                                | 53.10                     |

**Table No. 9: Monthly Avg. Ambient Air quality Data of Silchar Town**  
(based on 3 AAQM Stations)

| Months   | Parameters                            |                                       | PM <sub>10</sub> (µg m <sup>-3</sup> ) |
|----------|---------------------------------------|---------------------------------------|--|
|          | SO <sub>2</sub> (µg m <sup>-3</sup> ) | NO <sub>2</sub> (µg m <sup>-3</sup> ) |  |
| Jan,2021 | 8.70                                  | 10.20                                 | 49.90                                  |
| Feb,2021 | 8.90                                  | 10.25                                 | 50.90                                  |
| Mar,2021 | 8.50                                  | 9.80                                  | 50.90                                  |
| Apr,2021 | 8.10                                  | 9.40                                  | 49.50                                  |
| May,2021 | 7.30                                  | 9.20                                  | 36.15                                  |
| Jun,2021 | 7.00                                  | 9.30                                  | 33.50                                  |
| Jul,2021 | 7.60                                  | 8.90                                  | 39.90                                  |
| Aug,2021 | NA                                    | NA                                    | NA                                     |
| Sep,2021 | 7.90                                  | 9.10                                  | 49.20                                  |
| Oct,2021 | 7.80                                  | 9.30                                  | 48.50                                  |
| Nov,2021 | 8.10                                  | 9.70                                  | 55.00                                  |
| Dec,2021 | 8.10                                  | 9.20                                  | 52.90                                  |

**NB: The station was non-operational during Aug, 2021 due to technical problem**

**Table No.9: Monthly Avg. Ambient Air quality Data of Margherita Town**  
(based on 1 AAQM Station)

| Month/year | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM10 (µg/m <sup>3</sup> ) |
|------------|--------------------------------------|--------------------------------------|---------------------------|
| Jan, 2021  | 5.40                                 | 11.10                                | 51.20                     |
| Feb, 2021  | 5.60                                 | 11.80                                | 45.50                     |
| Mar, 2021  | 5.90                                 | 11.90                                | 44.80                     |
| Apr, 2021  | 6.00                                 | 12.20                                | 44.50                     |
| May, 2021  | 6.70                                 | 12.50                                | 48.60                     |
| Jun, 2021  | 4.50                                 | 10.50                                | 34.80                     |
| Jul, 2021  | NA                                   | NA                                   | NA                        |
| Aug, 2021  | NA                                   | NA                                   | NA                        |
| Sept, 2021 | 5.40                                 | 10.30                                | 26.10                     |
| Oct, 2021  | 5.10                                 | 9.90                                 | 26.20                     |
| Nov, 2021  | 5.90                                 | 11.50                                | 40.10                     |
| Dec, 2021  | 6.50                                 | 12.00                                | 49.30                     |

**NA: The station was non-operational during July & Aug, 2021 due to technical problem**

**Table No. 10: Monthly Avg. Ambient Air quality Data of Lakhimpur Town  
(based on 1 AAQM Station)**

| Month/year | SO <sub>2</sub> (µg/m <sup>3</sup> ) | NO <sub>2</sub> (µg/m <sup>3</sup> ) | PM <sub>10</sub> (µg/m <sup>3</sup> ) |
|------------|--------------------------------------|--------------------------------------|---------------------------------------|
| Jan, 2021  | 6.30                                 | 14.50                                | 80.00                                 |
| Feb, 2021  | 5.70                                 | 13.20                                | 69.90                                 |
| Mar, 2021  | 6.20                                 | 13.50                                | 77.80                                 |
| Apr, 2021  | 6.30                                 | 13.90                                | 65.40                                 |
| May, 2021  | 5.50                                 | 13.80                                | 53.30                                 |
| Jun, 2021  | 5.30                                 | 13.60                                | 33.60                                 |
| Jul, 2021  | 6.00                                 | 14.10                                | 36.60                                 |
| Aug, 2021  | 6.00                                 | 13.90                                | 34.30                                 |
| Sept, 2021 | 5.40                                 | 13.50                                | 29.60                                 |
| Oct, 2021  | 5.80                                 | 14.40                                | 42.20                                 |
| Nov, 2021  | 6.10                                 | 13.90                                | 57.00                                 |
| Dec, 2021  | 6.60                                 | 15.00                                | 78.00                                 |

**Table No. 11: Monthly Avg. Ambient Air quality Data of Tinsukia Town  
(based on 3 AAQM Stations)**

| Months   | Parameters                            |                                       |  |
|----------|---------------------------------------|---------------------------------------|--|
|          | SO <sub>2</sub> (µg m <sup>-3</sup> ) | NO <sub>2</sub> (µg m <sup>-3</sup> ) | PM <sub>10</sub> (µg m <sup>-3</sup> ) |
| Jan,2021 | 5.60                                  | 11.70                                 | 49.80                                  |
| Feb,2021 | 6.40                                  | 13.00                                 | 66.40                                  |
| Mar,2021 | 5.80                                  | 11.60                                 | 52.40                                  |
| Apr,2021 | 5.80                                  | 12.10                                 | 42.60                                  |
| May,2021 | 5.80                                  | 12.00                                 | 55.10                                  |
| Jun,2021 | 5.30                                  | 10.80                                 | 37.20                                  |
| Jul,2021 | NA                                    | NA                                    | NA                                     |
| Aug,2021 | 6.30                                  | 11.20                                 | 34.30                                  |
| Sep,2021 | 5.50                                  | 11.20                                 | 36.50                                  |
| Oct,2021 | 5.60                                  | 11.20                                 | 38.70                                  |
| Nov,2021 | 6.00                                  | 12.10                                 | 62.30                                  |
| Dec,2021 | 7.40                                  | 12.90                                 | 58.30                                  |

NA: The station was non-operational during July, 2021 due to technical problem

**Table No. 12: Monthly Avg. Ambient Air quality Data of Nagaon Town  
(based on 3 AAQM Stations)**

| Months   | Parameters                            |                                       |  |
|----------|---------------------------------------|---------------------------------------|--|
|          | SO <sub>2</sub> (µg m <sup>-3</sup> ) | NO <sub>2</sub> (µg m <sup>-3</sup> ) | PM <sub>10</sub> (µg m <sup>-3</sup> ) |
| Jan,2021 | 6.30                                  | 13.60                                 | 119.50                                 |
| Feb,2021 | 6.25                                  | 13.30                                 | 133.10                                 |
| Mar,2021 | 6.50                                  | 13.40                                 | 137.70                                 |
| Apr,2021 | 6.30                                  | 13.50                                 | 134.50                                 |
| May,2021 | 5.60                                  | 12.90                                 | 57.10                                  |
| Jun,2021 | 5.70                                  | 11.70                                 | 58.20                                  |
| Jul,2021 | 5.80                                  | 12.60                                 | 55.60                                  |
| Aug,2021 | 6.50                                  | 13.50                                 | 54.50                                  |
| Sep,2021 | 6.80                                  | 14.10                                 | 47.90                                  |
| Oct,2021 | 6.50                                  | 13.70                                 | 71.20                                  |
| Nov,2021 | 6.50                                  | 14.70                                 | 122.80                                 |
| Dec,2021 | 6.50                                  | 15.40                                 | 141.80                                 |

Table No. 13: Monthly Avg. Ambient Air quality Data of Nalbari Town  
(based on 3 AAQM Stations)

| Months   | Parameters                            |                                       |  |   |
|----------|---------------------------------------|---------------------------------------|--|---|
|          | SO <sub>2</sub> (µg m <sup>-3</sup> ) | NO <sub>2</sub> (µg m <sup>-3</sup> ) | PM <sub>10</sub> (µg m <sup>-3</sup> ) | PM <sub>2.5</sub> (µg m <sup>-3</sup> ) |
| Jan,2021 | 5.70                                  | 13.20                                 | 95.00                                  | ..                                      |
| Feb,2021 | 5.80                                  | 13.60                                 | 114.70                                 | ..                                      |
| Mar,2021 | 5.70                                  | 13.40                                 | 106.60                                 | ..                                      |
| Apr,2021 | 5.50                                  | 13.30                                 | 93.80                                  | ..                                      |
| May,2021 | 5.50                                  | 13.30                                 | 57.10                                  | 29.70                                   |
| Jun,2021 | 5.50                                  | 12.90                                 | 50.40                                  | ..                                      |
| Jul,2021 | 5.80                                  | 13.50                                 | 43.00                                  | 26.50                                   |
| Aug,2021 | 6.00                                  | 14.20                                 | 43.10                                  | 19.00                                   |
| Sep,2021 | 6.10                                  | 13.30                                 | 47.10                                  | 17.10                                   |
| Oct,2021 | 6.30                                  | 13.60                                 | 87.80                                  | 42.30                                   |
| Nov,2021 | 6.20                                  | 14.30                                 | 133.40                                 | 68.00                                   |
| Dec,2021 | 6.30                                  | 14.90                                 | 139.00                                 | 75.70                                   |

NA: The station was non-operational during Dec, 2021 due to technical problem



**Table 6.1: Water Quality (Physio-chemical & Bioical with units) the Assam Hills**

| Sampling Date | Sampling Month | Name Of Monitoring Location                    | DO (mg/L) | BOD (mg/L) | TDS (mg/L) | EC ( $\mu$ S/cm) | COD (mg/L) | Cl (mg/L) | NH <sub>4</sub> (mg/L) | PO <sub>4</sub> (mg/L) | Fe (mg/L) | FC (MPN/100ml) | TC (MPN/100ml) |
|---------------|----------------|--|-----------|------------|------------|------------------|------------|-----------|------------------------|------------------------|-----------|----------------|----------------|
| 29-11-2021    | Nov            | GROUND WATER AT KARBI ANGLONG TOWN, ASSAM      | NA        | 2.3        | 176        | 308              | 7.6        | 12        | NA                     | 0.36                   | NA        | 1.8(BDL)       | 1.8(BDL)       |
| 14-11-2022    | Nov            | GROUND WATER AT KARBI ANGLONG TOWN, ASSAM      | NA        | 2.5        | 186        | 268              | 11.8       | 12        | NA                     | 0.68                   | 0.2       | 1.8(BDL)       | 1.8(BDL)       |
| 22-05-2023    | May            | GROUND WATER AT KARBI ANGLONG TOWN, ASSAM      | NA        | 2.1        | 168        | 246              | 12         | 14        | NA                     | 0.67                   | 0.12      | 1.8(BDL)       | 1.8(BDL)       |
| 29-11-2021    | Nov            | GROUND WATER FROM DIPHU (GOVT. COLLEGE), ASSAM | NA        | 2.2        | 180        | 312              | 7.7        | 12        | NA                     | 0.4                    | NA        | 1.8(BDL)       | 1.8(BDL)       |
| 14-11-2022    | Nov            | GROUND WATER FROM DIPHU (GOVT. COLLEGE), ASSAM | NA        | 2.6        | 188        | 264              | 12.1       | 12        | NA                     | 0.67                   | 0.24      | 1.8(BDL)       | 1.8(BDL)       |
| 22-05-2023    | May            | GROUND WATER FROM DIPHU (GOVT. COLLEGE), ASSAM | NA        | 2          | 170        | 250              | 11.8       | 16        | NA                     | 0.68                   | 0.1       | 1.8(BDL)       | 1.8(BDL)       |
| 30-05-2023    | May            | GROUND WATER FROM HAMREN, ASSAM                | NA        | 2          | 146        | 232              | 12         | 12        | NA                     | 0.65                   | 0.1       | 1.8(BDL)       | 1.8(BDL)       |
| 21-11-2022    | Nov            | GROUND WATER FROM HAFLONG, ASSAM               | NA        | 2.2        | 72         | 113              | 8.6        | 6         | NA                     | 0.6                    | 0.18      | 1.8(BDL)       | 1.8(BDL)       |
| 24-05-2023    | May            | GROUND WATER FROM HAFLONG, ASSAM               | NA        | 2.8        | 92         | 144              | 12.8       | 6         | NA                     | 0.66                   | 0.12      | 1.8(BDL)       | 1.8(BDL)       |

**Table 6.2: Water Quality (Physio-chemical & Biological with units) for important Tourist destinations/circuits of Assam Hills**

| Sampling Date  | Sampling Month | DO (mg/L) | BOD (mg/L) | TDS (mg/L) | EC (µS/cm) | COD (mg/L) | Cl (mg/L) | NH <sub>4</sub> (mg/L) | PO <sub>4</sub> (mg/L) | Fe (mg/L) | FC (MPN/100ml) | TC (MPN/100ml) |
|--|----------------|-----------|------------|------------|------------|------------|-----------|------------------------|------------------------|-----------|----------------|----------------|
| <b>DEEPOR BEEL NEAR DHARAPUR CHARIALI, GUWAHATI, ASSAM</b> |                |           |            |            |            |            |           |                        |                        |           |                |                |
| 04-01-2021   | Jan            | 4.4       | 3          | 158        | 246        | 16.8       | 6         | 0.46                   | 0.82                   | NA        | 730            | 1500           |
| 02-02-2021   | Feb            | 10.8      | 3.4        | 156        | 240        | 14         | 8         | 1.2                    | 0.3                    | NA        | 300            | 1400           |
| 03-03-2021   | Mar            | 10.1      | 3.2        | 164        | 248        | 14.8       | 10        | 1.4                    | 0.34                   | NA        | 360            | 1400           |
| 08-04-2021   | Apr            | 10.8      | 3.8        | 158        | 240        | 13.8       | 8         | 1.6                    | 0.33                   | 1.2       | 360            | 1500           |
| 04-05-2021   | May            | 5.4       | 3.6        | 152        | 251        | 16.5       | 12        | 1.3                    | 0.4                    | NA        | 360            | 1400           |
| 05-07-2021   | Jul            | 4.2       | 3.6        | 162        | 256        | 15.2       | 10        | 1.3                    | 0.4                    | NA        | 360            | 1400           |
| 03-08-2021   | Aug            | 7.5       | 3.8        | 158        | 260        | 16.6       | 8         | 1.2                    | 0.42                   | NA        | 360            | 910            |
| 02-09-2021   | Sep            | 7.8       | 4.4        | 166        | 262        | 15.6       | 10        | 1.1                    | 0.4                    | NA        | 360            | 1400           |
| 04-10-2021   | Oct            | 6.4       | 2.2        | 94         | 150        | 7.2        | 8         | 1.54                   | 0.32                   | NA        | 360            | 1500           |
| 02-11-2021   | Nov            | 6.4       | 4.9        | 166        | 271        | 16.2       | 12        | 1                      | 0.5                    | NA        | 720            | 1600           |
| 03-12-2021   | Dec            | 10.8      | 5.2        | 170        | 291        | 17         | 12        | 1.2                    | 0.6                    | NA        | 610            | 1300           |
| 05-01-2022   | Jan            | 6.8       | 5.3        | 168        | 288        | 18.6       | 14        | 1.4                    | 0.54                   | NA        | 300            | 1100           |
| 02-02-2022   | Feb            | 5.8       | 5.4        | 168        | 301        | 19.8       | 16        | 1.8                    | 0.64                   | NA        | 730            | 1500           |
| 02-03-2022   | Mar            | 6.1       | 5.6        | 192        | 346        | 19.5       | 16        | 1.8                    | 0.82                   | NA        | 610            | 1100           |
| 04-04-2022   | Apr            | 5.8       | 5.7        | 190        | 344        | 19.6       | 18        | 1.9                    | 0.86                   | 0.3       | 720            | 1400           |
| 05-05-2022   | May            | 5.6       | 5.8        | 264        | 477        | 19.8       | 18        | 1.7                    | 0.92                   | NA        | 720            | 1400           |
| 07-06-2022   | Jun            | 6.5       | 5.4        | 262        | 468        | 18.4       | 16        | 1.4                    | 0.98                   | NA        | 600            | 1200           |
| 05-07-2022   | Jul            | 7.9       | 5.5        | 128        | 223        | 17.7       | 12        | 1                      | 0.74                   | NA        | 620            | 1300           |
| 02-08-2022   | Aug            | 7.2       | 5.6        | 230        | 336        | 16.2       | 14        | 1                      | 0.92                   | NA        | 360            | 910            |
| 01-09-2022   | Sep            | 5.9       | 5.4        | 220        | 330        | 16         | 12        | 1.2                    | 0.86                   | NA        | 720            | 1400           |
| 10-10-2022   | Oct            | 6         | 5.1        | 206        | 324        | 16.6       | 12        | 1.4                    | 0.88                   | 0.32      | 940            | 1600           |
| 02-11-2022   | Nov            | 5.7       | 5.3        | 198        | 328        | 16.9       | 12        | 1.5                    | 0.9                    | NA        | 910            | 2000           |
| 05-12-2022   | Dec            | 5.3       | 5.6        | 204        | 318        | 17.2       | 12        | 1.6                    | 0.88                   | NA        | 920            | 1600           |
| 03-01-2023   | Jan            | 7.5       | 5.3        | 204        | 310        | 17.5       | 12        | 1.8                    | 0.92                   | NA        | 360            | 1100           |
| 02-02-2023   | Feb            | 5.5       | 5          | 198        | 294        | 20.1       | 10        | 1.6                    | 0.98                   | NA        | 360            | 1100           |
| 14-03-2023   | Mar            | 9         | 5          | 198        | 302        | 16.4       | 10        | 1.8                    | 0.97                   | NA        | 910            | 1500           |
| 05-04-2023   | Apr            | 8.4       | 5.6        | 212        | 320        | 16.8       | 8         | 1.7                    | 0.95                   | 0.3       | 620            | 1200           |
| 08-05-2023   | May            | 10.8      | 5.8        | 212        | 332        | 16.2       | 8         | 1.5                    | 0.96                   | NA        | 600            | 1100           |
| 12-06-2023   | Jun            | 7.6       | 5.4        | 196        | 296        | 14         | 8         | 1.2                    | 0.92                   | NA        | 720            | 1400           |
| <b>JAYSAGAR TANK, SIVASAGAR, ASSAM</b>                     |                |           |            |            |            |            |           |                        |                        |           |                |                |
| 05-01-2021   | Jan            | 6.5       | 1.8        | 44         | 64         | 6.2        | 6         | 0.44                   | 0.3                    | NA        | 300            | 620            |
| 03-02-2021   | Feb            | 6         | 2.1        | 48         | 71         | 7.4        | 8         | 0.6                    | 0.3                    | NA        | 300            | 610            |
| 02-03-2021   | Mar            | 6.3       | 2.3        | 46         | 68         | 7          | 6         | 0.54                   | 0.32                   | NA        | 300            | 360            |
| 05-04-2021   | Apr            | 6.3       | 2.3        | 48         | 76         | 8          | 8         | 0.58                   | 0.4                    | NA        | 300            | 360            |
| 05-05-2021   | May            | 6.1       | 2          | 50         | 73         | 7.8        | 8         | 0.48                   | 0.34                   | NA        | 1.8(BDL)       | 360            |
| 07-07-2021   | Jul            | 6.5       | 2          | 54         | 85         | 8          | 6         | 0.7                    | 0.38                   | NA        | 300            | 730            |
| 05-08-2021   | Aug            | 6.5       | 1.6        | 54         | 80         | 9          | 6         | 0.64                   | 0.36                   | NA        | 300            | 730            |
| 02-09-2021   | Sep            | 5.5       | 2.6        | 48         | 75         | 8          | 6         | 0.68                   | 0.38                   | NA        | 300            | 360            |
| 20-10-2021   | Oct            | 5.8       | 2.3        | 58         | 81         | 7.7        | 10        | 0.56                   | 0.42                   | NA        | 300            | 360            |
| 22-11-2021   | Nov            | 6         | 2.3        | 58         | 88         | 8.2        | 8         | 0.54                   | 0.38                   | NA        | 300            | 360            |
| 06-12-2021   | Dec            | 6.3       | 1.4        | 44         | 62         | 7.4        | 6         | 0.52                   | 0.3                    | NA        | 300            | 360            |
| 03-01-2022   | Jan            | 6.5       | 2.3        | 58         | 85         | 7.6        | 10        | 0.56                   | 0.5                    | NA        | 360            | 360            |
| 14-02-2022   | Feb            | 8.2       | 2.4        | 46         | 67         | 8          | 8         | 0.5                    | 0.6                    | NA        | 360            | 910            |
| 03-03-2022   | Mar            | 7.8       | 2.5        | 46         | 66         | 7.8        | 8         | 0.54                   | 0.68                   | NA        | 360            | 360            |
| 07-04-2022   | Apr            | 6.3       | 2.6        | 48         | 64         | 8.2        | 8         | 0.58                   | 0.72                   | 0.21      | 300            | 910            |
| 05-05-2022   | May            | 7         | 2.5        | 44         | 61         | 8.2        | 8         | 0.6                    | 0.68                   | NA        | 300            | 720            |
| 01-06-2022   | Jun            | 7.1       | 2.1        | 40         | 58         | 8.4        | 8         | 0.62                   | 0.6                    | NA        | 360            | 730            |
| 01-07-2022   | Jul            | 6.8       | 1.9        | 48         | 68         | 7.6        | 8         | 0.54                   | 0.56                   | NA        | 360            | 720            |
| 05-08-2022   | Aug            | 6.5       | 2.1        | 66         | 92         | 8          | 6         | 0.56                   | 0.52                   | NA        | 300            | 610            |
| 02-09-2022   | Sep            | 5.3       | 2.2        | 70         | 98         | 8.3        | 6         | 0.59                   | 0.6                    | NA        | 360            | 730            |
| 11-10-2022   | Oct            | 4.8       | 2.1        | 72         | 104        | 8.1        | 6         | 0.61                   | 0.62                   | 0.22      | 730            | 1100           |
| 01-11-2022   | Nov            | 5.6       | 2          | 66         | 96         | 8.4        | 8         | 0.58                   | 0.62                   | NA        | 360            | 1100           |
| 05-12-2022   | Dec            | 6.3       | 2.4        | 68         | 104        | 8.6        | 8         | 0.6                    | 0.61                   | NA        | 360            | 730            |
| 04-01-2023   | Jan            | 6.4       | 2.1        | 72         | 110        | 9.2        | 8         | 0.64                   | 0.62                   | NA        | 360            | 730            |
| 01-02-2023   | Feb            | 5.9       | 2          | 76         | 114        | 9.8        | 6         | 0.65                   | 0.63                   | NA        | 300            | 600            |
| 02-03-2023   | Mar            | 7.6       | 2.3        | 80         | 122        | 10.6       | 8         | 0.61                   | 0.66                   | NA        | 360            | 730            |
| 24-04-2023   | Apr            | 7.2       | 2.6        | 80         | 118        | 10.2       | 6         | 0.6                    | 0.65                   | 0.2       | 360            | 730            |
| 16-05-2023   | May            | 7         | 2.3        | 84         | 122        | 10.9       | 6         | 0.62                   | 0.66                   | NA        | 360            | 730            |
| 16-06-2023   | Jun            | 5.8       | 2          | 78         | 116        | 10.2       | 6         | 0.61                   | 0.6                    | NA        | 360            | 910            |



**Table 6.2: Water Quality (Physio-chemical & Bioical with units) for important Tourist destinations/circuits of Assam Hills**

| Sampling Date   | Sampling Month | DO (mg/L) | BOD (mg/L) | TDS (mg/L) | EC (µS/cm) | COD (mg/L) | Cl (mg/L) | NH <sub>4</sub> (mg/L) | PO <sub>4</sub> (mg/L) | Fe (mg/L) | FC (MPN/100ml) | TC (MPN/100ml) |
|---|----------------|-----------|------------|------------|------------|------------|-----------|------------------------|------------------------|-----------|----------------|----------------|
| <b>RIVER MANAS AT NH-31 CROSSING, BARPETA DISTRICT, ASSAM</b> |                |           |            |            |            |            |           |                        |                        |           |                |                |
| 19-01-2021  | Jan            | 5.5       | 2.3        | 86         | 137        | 5.8        | 8         | 0.4                    | 0.3                    | NA        | 360            | 730            |
| 15-02-2021  | Feb            | 5.4       | 2.6        | 82         | 132        | 7.8        | 8         | 0.46                   | 0.32                   | NA        | 300            | 910            |
| 15-03-2021  | Mar            | 4.7       | 2.5        | 90         | 142        | 6          | 8         | 0.5                    | 0.2(BDL)               | NA        | 360            | 730            |
| 29-04-2021  | Apr            | 5.5       | 1.8        | 84         | 139        | 7.4        | 8         | 0.44                   | 0.34                   | NA        | 300            | 730            |
| 10-05-2021  | May            | 5.7       | 2.4        | 88         | 138        | 8          | 8         | 0.56                   | 0.32                   | NA        | 300            | 1100           |
| 26-07-2021  | Jul            | 5.3       | 2.2        | 82         | 130        | 7.6        | 8         | 0.56                   | 0.28                   | NA        | 360            | 910            |
| 09-08-2021  | Aug            | 5         | 1.8        | 84         | 136        | 8.2        | 6         | 0.54                   | 0.23                   | NA        | 300            | 730            |
| 13-09-2021  | Sep            | 5.5       | 2.4        | 80         | 133        | 7.8        | 8         | 0.58                   | 0.24                   | NA        | 360            | 1500           |
| 21-10-2021  | Oct            | 5.4       | 2          | 84         | 131        | 7.8        | 8         | 0.54                   | 0.36                   | NA        | 610            | 1100           |
| 29-11-2021  | Nov            | 5.2       | 2.2        | 90         | 140        | 8          | 8         | 0.56                   | 0.38                   | NA        | 360            | 1100           |
| 13-12-2021  | Dec            | 5.3       | 2.3        | 88         | 138        | 7.8        | 8         | 0.56                   | 0.44                   | NA        | 610            | 1200           |
| 27-01-2022  | Jan            | 5.3       | 2.3        | 92         | 145        | 8.4        | 8         | 0.54                   | 0.48                   | NA        | 300            | 1100           |
| 21-02-2022  | Feb            | 5.2       | 2.4        | 88         | 139        | 8.3        | 8         | 0.56                   | 0.46                   | NA        | 360            | 1100           |
| 23-03-2022  | Mar            | 5.2       | 2.6        | 98         | 156        | 8.4        | 8         | 0.56                   | 0.58                   | NA        | 720            | 1400           |
| 25-04-2022  | Apr            | 5.6       | 2.4        | 96         | 150        | 9.2        | 8         | 0.56                   | 0.62                   | 0.19      | 360            | 1100           |
| 24-05-2022  | May            | 5.1       | 2.5        | 86         | 136        | 8.6        | 8         | 0.48                   | 0.7                    | NA        | 620            | 1200           |
| 29-06-2022  | Jun            | 5.2       | 2.3        | 84         | 130        | 8.2        | 8         | 0.52                   | 0.68                   | NA        | 300            | 910            |
| 18-07-2022  | Jul            | 5.3       | 2.4        | 88         | 140        | 8.8        | 8         | 0.58                   | 0.6                    | NA        | 360            | 910            |
| 22-08-2022  | Aug            | 5.6       | 2.3        | 92         | 144        | 8.4        | 6         | 0.56                   | 0.58                   | NA        | 360            | 1100           |
| 19-09-2022  | Sep            | 5.3       | 2.3        | 98         | 148        | 8.8        | 6         | 0.58                   | 0.56                   | NA        | 360            | 1100           |
| 20-10-2022  | Oct            | 5.6       | 2.4        | 98         | 142        | 8.4        | 6         | 0.61                   | 0.58                   | 0.21      | 610            | 1200           |
| 16-11-2022  | Nov            | 5.2       | 2.6        | 96         | 156        | 8.9        | 6         | 0.63                   | 0.62                   | NA        | 360            | 1100           |
| 19-12-2022  | Dec            | 5.3       | 2.3        | 96         | 160        | 9.2        | 8         | 0.61                   | 0.64                   | NA        | 610            | 1100           |
| 19-01-2023  | Jan            | 5.7       | 2.4        | 96         | 158        | 9.5        | 6         | 0.6                    | 0.65                   | NA        | 610            | 1200           |
| 15-02-2023  | Feb            | 5.6       | 2.6        | 96         | 164        | 9.9        | 6         | 0.61                   | 0.67                   | NA        | 620            | 1300           |
| 15-03-2023  | Mar            | 5.5       | 2.5        | 98         | 168        | 10.3       | 8         | 0.6                    | 0.65                   | NA        | 610            | 1200           |
| 25-04-2023  | Apr            | 5.2       | 2.4        | 106        | 162        | 11.2       | 8         | 0.59                   | 0.66                   | 0.22      | 730            | 1100           |
| 22-05-2023  | May            | 5.2       | 2.7        | 102        | 154        | 14         | 6         | 0.61                   | 0.65                   | NA        | 620            | 1300           |
| 20-06-2023  | Jun            | 5.4       | 2.4        | 90         | 146        | 13.2       | 6         | 0.58                   | 0.63                   | NA        | 730            | 1500           |
| <b>RIVER BRAHMPUTRA AT SUALKUCHI, DIST. KAMRUP, ASSAM</b>     |                |           |            |            |            |            |           |                        |                        |           |                |                |
| 04-01-2021  | Jan            | 8.8       | 2.4        | 100        | 154        | 7.6        | 8         | 0.44                   | 0.42                   | NA        | 730            | 2000           |
| 02-02-2021  | Feb            | 8.2       | 2.6        | 114        | 178        | 8          | 6         | 1.2                    | 0.22                   | NA        | 360            | 1100           |
| 02-03-2021  | Mar            | 9.5       | 2.8        | 116        | 174        | 7.8        | 8         | 1.2                    | 0.28                   | NA        | 600            | 1500           |
| 08-04-2021  | Apr            | 8.1       | 2.6        | 112        | 168        | 7.4        | 6         | 1.4                    | 0.26                   | 0.14      | 610            | 2000           |
| 06-05-2021  | May            | 7         | 2.3        | 110        | 186        | 7.6        | 8         | 0.76                   | 0.32                   | NA        | 720            | 2000           |
| 22-07-2021  | Jul            | 7         | 2.4        | 98         | 156        | 7.4        | 8         | 0.52                   | 0.26                   | NA        | 360            | 910            |
| 03-08-2021  | Aug            | 7.5       | 2.4        | 96         | 150        | 7.6        | 8         | 0.5                    | 0.22                   | NA        | 360            | 1400           |
| 02-09-2021  | Sep            | 6.2       | 2.7        | 94         | 150        | 7.6        | 8         | 0.5                    | 0.3                    | NA        | 360            | 1500           |
| 04-10-2021  | Oct            | 6.7       | 2.8        | 94         | 146        | 7.8        | 8         | 0.54                   | 0.3                    | NA        | 360            | 1100           |
| 02-11-2021  | Nov            | 7.3       | 2.7        | 96         | 153        | 7.5        | 8         | 0.48                   | 0.52                   | NA        | 720            | 1400           |
| 03-12-2021  | Dec            | 8         | 2.8        | 96         | 153        | 8          | 8         | 0.56                   | 0.46                   | NA        | 910            | 2000           |
| 04-01-2022  | Jan            | 8.9       | 2.7        | 98         | 160        | 7.7        | 8         | 0.52                   | 0.5                    | NA        | 360            | 1400           |
| 02-02-2022  | Feb            | 8.4       | 2.2        | 100        | 169        | 7.8        | 8         | 0.56                   | 0.56                   | NA        | 360            | 1500           |
| 04-03-2022  | Mar            | 8.6       | 2.3        | 98         | 165        | 8          | 8         | 0.54                   | 0.7                    | NA        | 360            | 1500           |
| 06-04-2022  | Apr            | 9.2       | 2.4        | 96         | 158        | 8.2        | 8         | 0.56                   | 0.68                   | 0.2       | 910            | 2000           |
| 05-05-2022  | May            | 7.6       | 2.5        | 84         | 131        | 8.2        | 8         | 0.56                   | 0.6                    | NA        | 910            | 2000           |
| 07-06-2022  | Jun            | 8.2       | 2.4        | 88         | 136        | 8.6        | 8         | 0.54                   | 0.62                   | NA        | 940            | 1600           |
| 13-07-2022  | Jul            | 7         | 2.5        | 90         | 139        | 8.9        | 8         | 0.58                   | 0.6                    | NA        | 600            | 1200           |
| 02-08-2022  | Aug            | 9.5       | 2.2        | 80         | 120        | 8.6        | 8         | 0.56                   | 0.58                   | NA        | 730            | 1500           |
| 02-09-2022  | Sep            | 7.5       | 2          | 84         | 126        | 8.2        | 6         | 0.54                   | 0.54                   | NA        | 910            | 2000           |
| 12-10-2022  | Oct            | 7.4       | 2.3        | 92         | 130        | 8          | 8         | 0.55                   | 0.55                   | 0.18      | 730            | 2100           |
| 02-11-2022  | Nov            | 7         | 2.4        | 94         | 132        | 7.9        | 8         | 0.56                   | 0.56                   | NA        | 1100           | 2100           |
| 05-12-2022  | Dec            | 9.7       | 2.5        | 90         | 136        | 8.2        | 8         | 0.58                   | 0.58                   | NA        | 910            | 2000           |
| 03-01-2023  | Jan            | 7.3       | 2.7        | 82         | 130        | 8.7        | 6         | 0.56                   | 0.59                   | NA        | 910            | 2000           |
| 02-02-2023  | Feb            | 6.3       | 2.5        | 84         | 126        | 9.2        | 8         | 0.58                   | 0.62                   | NA        | 360            | 1100           |
| 02-03-2023  | Mar            | 5         | 2.7        | 88         | 122        | 9.8        | 8         | 0.6                    | 0.65                   | NA        | 910            | 2000           |
| 03-04-2023  | Apr            | 6.9       | 2.8        | 88         | 126        | 9.3        | 6         | 0.61                   | 0.66                   | 0.22      | 910            | 2000           |
| 03-05-2023  | May            | 6.7       | 2.7        | 92         | 130        | 10.2       | 6         | 0.62                   | 0.67                   | NA        | 910            | 1900           |
| 06-06-2023  | Jun            | 5.8       | 2.5        | 84         | 122        | 11.7       | 8         | 0.58                   | 0.67                   | NA        | 1500           | 2100           |

**Table 6.2: Water Quality (Physio-chemical & Bioical with units) for important Tourist destinations/circuits of Assam Hills**

| Sampling Date                              | Sampling Month | DO (mg/L) | BOD (mg/L) | TDS (mg/L) | EC (µS/cm) | COD (mg/L) | Cl (mg/L) | NH <sub>4</sub> (mg/L) | PO <sub>4</sub> (mg/L) | Fe (mg/L) | FC (MPN/100ml) | TC (MPN/100ml) |
|--|----------------|-----------|------------|------------|------------|------------|-----------|------------------------|------------------------|-----------|----------------|----------------|
| <b>PADUMPUKHURI, TEZPUR, ASSAM</b>         |                |           |            |            |            |            |           |                        |                        |           |                |                |
| 27-01-2021                                 | Jan            | 7.8       | 2.3        | 168        | 301        | 7.2        | 14        | 0.5                    | 0.4                    | NA        | 300            | 910            |
| 17-02-2021                                 | Feb            | 7.4       | 2.7        | 160        | 293        | 7.6        | 12        | 0.48                   | 0.28                   | NA        | 730            | 1100           |
| 17-03-2021                                 | Mar            | 7         | 2.6        | 170        | 304        | 8          | 16        | 0.6                    | 58                     | NA        | 300            | 1100           |
| 27-04-2021                                 | Apr            | 7         | 2.4        | 156        | 278        | 7.8        | 14        | 0.54                   | 0.34                   | 0.16      | 300            | 720            |
| 28-07-2021                                 | Jul            | 7         | 2.7        | 162        | 275        | 7.5        | 14        | 0.54                   | 0.28                   | NA        | 360            | 1400           |
| 19-08-2021                                 | Aug            | 7.2       | 2.5        | 168        | 264        | 7.8        | 10        | 0.56                   | 0.3                    | NA        | 360            | 1100           |
| 21-09-2021                                 | Sep            | 7.5       | 2.7        | 160        | 270        | 8          | 14        | 0.56                   | 0.42                   | NA        | 360            | 1100           |
| 26-10-2021                                 | Oct            | 7         | 2.4        | 158        | 267        | 7.8        | 10        | 0.56                   | 0.4                    | NA        | 300            | 910            |
| 22-11-2021                                 | Nov            | 7         | 2.3        | 168        | 280        | 8.3        | 12        | 0.6                    | 0.5                    | NA        | 730            | 1500           |
| 20-12-2021                                 | Dec            | 7         | 2.2        | 162        | 283        | 8.6        | 10        | 0.52                   | 0.4                    | NA        | 360            | 910            |
| 28-01-2022                                 | Jan            | 7         | 2.5        | 172        | 286        | 8.4        | 12        | 0.58                   | 0.6                    | NA        | 300            | 720            |
| 23-02-2022                                 | Feb            | 7         | 2.6        | 192        | 353        | 8.5        | 12        | 0.56                   | 0.7                    | NA        | 300            | 1100           |
| 28-03-2022                                 | Mar            | 7         | 2.7        | 194        | 351        | 8.8        | 12        | 0.6                    | 0.72                   | NA        | 360            | 1100           |
| 26-04-2022                                 | Apr            | 7         | 2.8        | 188        | 343        | 9          | 12        | 0.56                   | 0.6                    | 0.2       | 360            | 720            |
| 25-05-2022                                 | May            | 6.9       | 2.8        | 158        | 283        | 9.2        | 12        | 0.5                    | 0.84                   | NA        | 360            | 910            |
| 29-06-2022                                 | Jun            | 7.4       | 2.7        | 156        | 280        | 9.4        | 12        | 0.56                   | 0.68                   | NA        | 360            | 910            |
| 25-07-2022                                 | Jul            | 6.8       | 2.8        | 158        | 276        | 9.6        | 12        | 0.6                    | 0.6                    | NA        | 300            | 940            |
| 23-08-2022                                 | Aug            | 7         | 2.6        | 162        | 264        | 10.4       | 10        | 0.58                   | 0.62                   | NA        | 620            | 1300           |
| 21-09-2022                                 | Sep            | 7         | 2.3        | 140        | 234        | 9.9        | 6         | 0.59                   | 0.64                   | NA        | 360            | 1100           |
| 28-10-2022                                 | Oct            | 7         | 2.5        | 156        | 238        | 10.2       | 8         | 0.61                   | 0.68                   | 0.18      | 360            | 910            |
| 28-11-2022                                 | Nov            | 7         | 2.4        | 158        | 236        | 11.9       | 10        | 0.62                   | 0.69                   | NA        | 360            | 1100           |
| 21-12-2022                                 | Dec            | 7         | 2.3        | 158        | 230        | 8.9        | 8         | 0.64                   | 0.66                   | NA        | 360            | 1400           |
| 20-01-2023                                 | Jan            | 7         | 2.4        | 152        | 226        | 9.2        | 6         | 0.61                   | 0.65                   | NA        | 730            | 1500           |
| 20-02-2023                                 | Feb            | 7         | 2.6        | 158        | 234        | 9.8        | 8         | 0.62                   | 0.67                   | NA        | 360            | 1300           |
| 27-03-2023                                 | Mar            | 7         | 2.3        | 152        | 240        | 10.2       | 6         | 0.62                   | 0.68                   | NA        | 360            | 1400           |
| 27-04-2023                                 | Apr            | 6.8       | 2.6        | 160        | 234        | 9.9        | 6         | 0.6                    | 0.66                   | 0.21      | 360            | 1100           |
| 22-05-2023                                 | May            | 7         | 2.4        | 150        | 228        | 10.6       | 8         | 0.62                   | 0.67                   | NA        | 300            | 600            |
| 27-06-2023                                 | Jun            | 7         | 2.2        | 150        | 216        | 10.2       | 6         | 0.6                    | 0.65                   | NA        | 360            | 910            |
| <b>BATODRAWA SATRA POND, NAGAON, ASSAM</b> |                |           |            |            |            |            |           |                        |                        |           |                |                |
| 20-01-2021                                 | Jan            | 5.1       | 2.3        | 48         | 68         | 7.4        | 10        | 0.5                    | 0.34                   | NA        | 360            | 1500           |
| 16-02-2021                                 | Feb            | 4.5       | 2          | 40         | 63         | 8.8        | 8         | 0.6                    | 0.4                    | NA        | 300            | 1100           |
| 15-03-2021                                 | Mar            | 4.8       | 2.2        | 50         | 74         | 7.8        | 10        | 0.56                   | 0.3                    | NA        | 360            | 1400           |
| 27-04-2021                                 | Apr            | 4.5       | 2.1        | 44         | 69         | 8.8        | 8         | 0.54                   | 0.4                    | NA        | 360            | 1100           |
| 27-07-2021                                 | Jul            | 4.4       | 2.8        | 44         | 70         | 8.2        | 8         | 0.58                   | 0.34                   | NA        | 300            | 730            |
| 17-08-2021                                 | Aug            | 4         | 2.2        | 52         | 76         | 8.6        | 6         | 0.54                   | 0.31                   | NA        | 360            | 910            |
| 21-09-2021                                 | Sep            | 4.2       | 2.5        | 46         | 73         | 8.4        | 8         | 0.56                   | 0.42                   | NA        | 360            | 1100           |
| 27-10-2021                                 | Oct            | 6.2       | 2.2        | 54         | 81         | 8          | 8         | 0.52                   | 0.4                    | NA        | 360            | 1100           |
| 20-11-2021                                 | Nov            | 4         | 2.4        | 56         | 81         | 8.3        | 10        | 0.46                   | 0.44                   | NA        | 720            | 1400           |
| 15-12-2021                                 | Dec            | 4.2       | 2.3        | 60         | 88         | 7.5        | 10        | 0.48                   | 0.42                   | NA        | 730            | 1500           |
| 19-01-2022                                 | Jan            | 4.5       | 2.5        | 62         | 90         | 8          | 8         | 0.54                   | 0.52                   | NA        | 300            | 1500           |
| 18-02-2022                                 | Feb            | 4.8       | 2.6        | 58         | 87         | 8.2        | 8         | 0.56                   | 0.56                   | NA        | 610            | 1200           |
| 22-03-2022                                 | Mar            | 4         | 2.6        | 54         | 77         | 9.2        | 10        | 0.56                   | 0.8                    | NA        | 610            | 1100           |
| 25-04-2022                                 | Apr            | 5         | 2.2        | 48         | 67         | 9          | 10        | 0.58                   | 0.76                   | 0.18      | 620            | 1300           |
| 15-07-2022                                 | Jul            | 4.1       | 2.4        | 70         | 108        | 8.4        | 10        | 0.58                   | 0.78                   | NA        | 360            | 1100           |
| 17-08-2022                                 | Aug            | 4.1       | 2.1        | 68         | 103        | 8.8        | 8         | 0.54                   | 0.72                   | NA        | 620            | 1300           |
| 19-09-2022                                 | Sep            | 4         | 2.2        | 72         | 108        | 9          | 8         | 0.56                   | 0.7                    | NA        | 720            | 1400           |
| 28-10-2022                                 | Oct            | 6         | 2.3        | 82         | 118        | 8.8        | 8         | 0.59                   | 0.66                   | 0.17      | 730            | 1300           |
| 17-11-2022                                 | Nov            | 4.1       | 2.5        | 82         | 128        | 10.9       | 6         | 0.61                   | 0.67                   | NA        | 720            | 1400           |
| 16-12-2022                                 | Dec            | 10.5      | 2.4        | 64         | 92         | 12.6       | 6         | 0.58                   | 0.65                   | NA        | 360            | 910            |
| 19-01-2023                                 | Jan            | 5.2       | 2.5        | 68         | 94         | 12.1       | 8         | 0.61                   | 0.67                   | NA        | 360            | 1100           |
| 14-02-2023                                 | Feb            | 5         | 2.6        | 72         | 108        | 11.6       | 6         | 0.62                   | 0.68                   | NA        | 300            | 1100           |
| 21-03-2023                                 | Mar            | 6.5       | 2.3        | 76         | 112        | 12         | 8         | 0.6                    | 0.67                   | NA        | 300            | 1200           |
| 24-04-2023                                 | Apr            | 6.7       | 2.7        | 66         | 104        | 13.6       | 8         | 0.61                   | 0.66                   | 0.2       | 360            | 1100           |
| 16-05-2023                                 | May            | 5.2       | 2.5        | 68         | 110        | 13         | 8         | 0.6                    | 0.65                   | NA        | 360            | 1200           |
| 20-06-2023                                 | Jun            | 6.3       | 2.2        | 70         | 92         | 13         | 8         | 0.6                    | 0.68                   | NA        | 360            | 1100           |

**Table 6.2: Water Quality (Physio-chemical & Bioical with units) for important Tourist destinations/circuits of Assam Hills**

| Sampling Date   | Sampling Month | DO (mg/L) | BOD (mg/L) | TDS (mg/L) | EC (µS/cm) | COD (mg/L) | Cl (mg/L) | NH <sub>4</sub> (mg/L) | PO <sub>4</sub> (mg/L) | Fe (mg/L) | FC (MPN/100ml) | TC (MPN/100ml) |
|---|----------------|-----------|------------|------------|------------|------------|-----------|------------------------|------------------------|-----------|----------------|----------------|
| <b>DIGHALI PUKHURI, GUWAHATI, ASSAM</b>                     |                |           |            |            |            |            |           |                        |                        |           |                |                |
| 19-01-2021  | Jan            | 9.5       | 2.5        | 126        | 221        | 8.7        | 14        | 0.52                   | 0.3                    | NA        | 720            | 1500           |
| 10-02-2021  | Feb            | 8.6       | 2.6        | 124        | 218        | 8.5        | 16        | 0.56                   | 0.8                    | NA        | 720            | 1400           |
| 10-03-2021  | Mar            | 10        | 2.6        | 128        | 225        | 9.2        | 14        | 0.58                   | 0.3                    | NA        | 730            | 1500           |
| 22-04-2021  | Apr            | 11.2      | 2.7        | 138        | 321        | 8.6        | 18        | 0.6                    | 0.7                    | 0.24      | 360            | 1500           |
| 06-07-2021  | Jul            | 10.2      | 3          | 140        | 236        | 8          | 14        | 0.52                   | 1                      | NA        | 730            | 1500           |
| 16-08-2021  | Aug            | 7.2       | 2.8        | 146        | 230        | 8.4        | 10        | 0.48                   | 0.8                    | NA        | 720            | 1400           |
| 15-09-2021  | Sep            | 6.9       | 2.7        | 136        | 230        | 7.6        | 12        | 0.54                   | 1                      | NA        | 730            | 2000           |
| 25-10-2021  | Oct            | 4.2       | 2.3        | 134        | 234        | 8.2        | 12        | 0.44                   | 0.32                   | NA        | 720            | 1400           |
| 17-11-2021  | Nov            | 10.3      | 2.8        | 138        | 236        | 7.8        | 12        | 0.56                   | 1                      | NA        | 360            | 910            |
| 15-12-2021  | Dec            | 6.2       | 2.5        | 136        | 230        | 8.8        | 12        | 0.58                   | 0.52                   | NA        | 360            | 910            |
| 19-01-2022  | Jan            | 6.6       | 2.8        | 146        | 250        | 8.3        | 12        | 0.66                   | 1                      | NA        | 720            | 1500           |
| 18-02-2022  | Feb            | 8.2       | 2.8        | 132        | 231        | 8.2        | 12        | 0.62                   | 0.8                    | NA        | 720            | 1400           |
| 22-03-2022  | Mar            | 9.5       | 2.7        | 140        | 242        | 8.4        | 12        | 0.6                    | 0.76                   | NA        | 730            | 1100           |
| 25-04-2022  | Apr            | 9.4       | 2.8        | 140        | 243        | 8.8        | 14        | 0.56                   | 0.74                   | 0.23      | 720            | 1400           |
| 30-05-2022  | May            | 9.2       | 2.8        | 136        | 233        | 9.5        | 12        | 0.64                   | 0.68                   | NA        | 720            | 1100           |
| 14-06-2022  | Jun            | 5.7       | 2.7        | 132        | 228        | 9.8        | 12        | 0.66                   | 0.6                    | NA        | 610            | 1200           |
| 05-07-2022  | Jul            | 9.8       | 2.8        | 130        | 227        | 9.7        | 12        | 0.68                   | 0.58                   | NA        | 730            | 1500           |
| 17-08-2022  | Aug            | 9.6       | 2.6        | 126        | 184        | 10.2       | 10        | 0.66                   | 0.56                   | NA        | 730            | 1600           |
| 01-09-2022  | Sep            | 8.4       | 2.5        | 120        | 176        | 9          | 8         | 0.6                    | 0.59                   | NA        | 720            | 1400           |
| 10-10-2022  | Oct            | 9.8       | 2.3        | 98         | 168        | 8.6        | 8         | 0.58                   | 0.58                   | 0.25      | 730            | 1500           |
| 02-11-2022  | Nov            | 10        | 2.5        | 102        | 156        | 7.9        | 6         | 0.6                    | 0.6                    | NA        | 930            | 1900           |
| 05-12-2022  | Dec            | 10.2      | 2.7        | 112        | 164        | 8.4        | 8         | 0.62                   | 0.58                   | NA        | 940            | 1600           |
| 03-01-2023  | Jan            | 7.7       | 2.5        | 116        | 176        | 8.9        | 8         | 0.6                    | 0.61                   | NA        | 730            | 1600           |
| 02-02-2023  | Feb            | 8         | 2.3        | 120        | 168        | 9.6        | 8         | 0.62                   | 0.63                   | NA        | 360            | 1400           |
| 02-03-2023  | Mar            | 9         | 2.5        | 122        | 176        | 10.8       | 8         | 0.64                   | 0.65                   | NA        | 360            | 1500           |
| 03-04-2023  | Apr            | 10        | 2.7        | 126        | 186        | 12.3       | 8         | 0.63                   | 0.67                   | 0.21      | 720            | 1400           |
| 02-05-2023  | May            | 10        | 2.5        | 130        | 190        | 13         | 8         | 0.62                   | 0.68                   | NA        | 360            | 1500           |
| 06-06-2023  | Jun            | 9.1       | 2.3        | 110        | 176        | 10.8       | 8         | 0.6                    | 0.66                   | NA        | 720            | 1400           |
| <b>SUBHAGYA KUNDA POND KAMAKHYA TEMPLE, GUWAHATI, ASSAM</b> |                |           |            |            |            |            |           |                        |                        |           |                |                |
| 04-01-2021  | Jan            | 4         | 2          | 130        | 233        | 6          | 14        | 0.48                   | 0.4                    | NA        | 360            | 1500           |
| 02-02-2021  | Feb            | 5.2       | 2.1        | 130        | 230        | 7          | 16        | 0.5                    | 0.4                    | NA        | 360            | 1400           |
| 03-03-2021  | Mar            | 8.2       | 2.4        | 132        | 236        | 7          | 12        | 0.54                   | 0.46                   | NA        | 720            | 1100           |
| 08-04-2021  | Apr            | 8.5       | 2.4        | 128        | 226        | 7.5        | 14        | 0.52                   | 0.6                    | 0.16      | 720            | 1400           |
| 04-05-2021  | May            | 4.7       | 2.4        | 140        | 247        | 6.8        | 12        | 0.66                   | 0.48                   | NA        | 360            | 720            |
| 05-07-2021  | Jul            | 7.7       | 2.7        | 126        | 222        | 7.8        | 12        | 0.58                   | 0.54                   | NA        | 360            | 910            |
| 03-08-2021  | Aug            | 7.2       | 2.6        | 182        | 218        | 8.2        | 10        | 0.54                   | 0.56                   | NA        | 720            | 1400           |
| 02-09-2021  | Sep            | 6.8       | 2.7        | 124        | 220        | 7.5        | 12        | 0.6                    | 0.58                   | NA        | 730            | 2100           |
| 04-10-2021  | Oct            | 5.6       | 2.7        | 130        | 220        | 8          | 12        | 0.58                   | 0.58                   | NA        | 730            | 1500           |
| 02-11-2021  | Nov            | 8.2       | 2.5        | 128        | 226        | 7.7        | 12        | 0.62                   | 0.42                   | NA        | 720            | 1400           |
| 03-12-2021  | Dec            | 7.6       | 2.5        | 136        | 231        | 8          | 12        | 0.56                   | 0.48                   | NA        | 300            | 730            |
| 05-01-2022  | Jan            | 8.8       | 2.4        | 130        | 230        | 8.2        | 12        | 0.66                   | 0.4                    | NA        | 610            | 1100           |
| 02-02-2022  | Feb            | 7.8       | 2.6        | 138        | 240        | 8.4        | 14        | 0.64                   | 0.48                   | NA        | 300            | 1100           |
| 02-03-2022  | Mar            | 7.2       | 2.7        | 138        | 236        | 8.8        | 14        | 0.62                   | 0.5                    | NA        | 610            | 1200           |
| 04-04-2022  | Apr            | 5.2       | 2.8        | 136        | 230        | 8.5        | 14        | 0.6                    | 0.56                   | 0.23      | 610            | 1100           |
| 05-05-2022  | May            | 9.3       | 2.8        | 134        | 253        | 8.3        | 14        | 0.56                   | 0.58                   | NA        | 600            | 1200           |
| 07-06-2022  | Jun            | 5.7       | 2.6        | 132        | 250        | 8.1        | 12        | 0.58                   | 0.6                    | NA        | 610            | 1100           |
| 06-07-2022  | Jul            | 5.5       | 2.7        | 302        | 571        | 8.6        | 12        | 0.56                   | 0.7                    | NA        | 620            | 1200           |
| 01-09-2022  | Sep            | 5.9       | 2.5        | 166        | 280        | 8          | 8         | 0.52                   | 0.54                   | NA        | 720            | 1400           |
| 10-10-2022  | Oct            | 6.5       | 2.6        | 166        | 264        | 8.6        | 10        | 0.53                   | 0.55                   | 0.21      | 600            | 1200           |
| 02-11-2022  | Nov            | 7.6       | 2.5        | 146        | 260        | 7.9        | 10        | 0.56                   | 0.56                   | NA        | 730            | 1500           |
| 05-12-2022  | Dec            | 4.3       | 2.6        | 152        | 248        | 8.6        | 8         | 0.54                   | 0.59                   | NA        | 720            | 1400           |
| 03-01-2023  | Jan            | 5.2       | 2.4        | 154        | 242        | 9          | 8         | 0.56                   | 0.61                   | NA        | 620            | 1300           |
| 02-02-2023  | Feb            | 5         | 2.5        | 166        | 264        | 10.2       | 8         | 0.54                   | 0.62                   | NA        | 360            | 1100           |
| 02-03-2023  | Mar            | 5         | 2.8        | 166        | 270        | 11.6       | 8         | 0.58                   | 0.64                   | NA        | 300            | 1600           |
| 03-04-2023  | Apr            | 7.8       | 2.6        | 188        | 278        | 12.5       | 8         | 0.6                    | 0.67                   | 0.24      | 360            | 1200           |
| 02-05-2023  | May            | 8.5       | 2.8        | 180        | 264        | 12.8       | 8         | 0.62                   | 0.68                   | NA        | 610            | 1600           |
| 06-06-2023  | Jun            | 7.3       | 2.5        | 160        | 244        | 12         | 8         | 0.66                   | 0.68                   | NA        | 730            | 1900           |



**Table 6.2: Water Quality (Physio-chemical & Biological with units) for important Tourist destinations/circuits of Assam Hills**

| Sampling Date   | Sampling Month | DO (mg/L) | BOD (mg/L) | TDS (mg/L) | EC (µS/cm) | COD (mg/L) | Cl (mg/L) | NH <sub>4</sub> (mg/L) | PO <sub>4</sub> (mg/L) | Fe (mg/L) | FC (MPN/100ml) | TC (MPN/100ml) |
|---|----------------|-----------|------------|------------|------------|------------|-----------|------------------------|------------------------|-----------|----------------|----------------|
| <b>DEEPAR BEEL AT BORAGAON NEAR IASST, GUWAHATI, ASSAM</b>          |                |           |            |            |            |            |           |                        |                        |           |                |                |
| 04-01-2021  | Jan            | 4.6       | 2.8        | 160        | 250        | 18.4       | 6         | 0.52                   | 0.8                    | NA        | 300            | 1400           |
| 02-02-2021  | Feb            | 10.3      | 3          | 162        | 248        | 16.8       | 8         | 1                      | 0.34                   | NA        | 300            | 1400           |
| 03-03-2021  | Mar            | 9.8       | 3.4        | 168        | 254        | 16         | 10        | 1.2                    | 0.36                   | NA        | 300            | 1100           |
| 08-04-2021  | Apr            | 10.8      | 3.6        | 164        | 250        | 15.4       | 10        | 1.4                    | 0.34                   | 1.4       | 300            | 1400           |
| 04-05-2021  | May            | 5.1       | 3.4        | 156        | 258        | 16.6       | 14        | 1.6                    | 0.44                   | NA        | 300            | 1100           |
| 05-07-2021  | Jul            | 5.8       | 3.7        | 168        | 261        | 16         | 12        | 1.4                    | 0.38                   | NA        | 300            | 1100           |
| 03-08-2021  | Aug            | 6.8       | 2          | 96         | 156        | 7.8        | 6         | 0.5                    | 0.5                    | NA        | 620            | 1500           |
| 02-09-2021  | Sep            | 7.6       | 4.5        | 170        | 268        | 16.8       | 12        | 1.2                    | 0.42                   | NA        | 730            | 1100           |
| 04-10-2021  | Oct            | 6.8       | 4.6        | 152        | 262        | 16.8       | 10        | 1.1                    | 0.86                   | NA        | 300            | 1100           |
| 02-11-2021  | Nov            | 6.2       | 4.8        | 168        | 274        | 17.2       | 14        | 1.2                    | 0.48                   | NA        | 300            | 1400           |
| 03-12-2021  | Dec            | 10.2      | 5          | 168        | 288        | 16.8       | 12        | 1.1                    | 0.62                   | NA        | 620            | 1600           |
| 05-01-2022  | Jan            | 7.2       | 5.1        | 172        | 292        | 19         | 14        | 1.2                    | 0.56                   | NA        | 360            | 1400           |
| 02-02-2022  | Feb            | 5.1       | 5.8        | 166        | 296        | 19.5       | 16        | 1.6                    | 0.6                    | NA        | 610            | 1100           |
| 02-03-2022  | Mar            | 5.4       | 5.9        | 190        | 344        | 19.2       | 16        | 1.7                    | 0.68                   | NA        | 360            | 910            |
| 04-04-2022  | Apr            | 5.5       | 5.8        | 190        | 343        | 19.8       | 18        | 1.8                    | 0.88                   | 0.28      | 610            | 1200           |
| 05-05-2022  | May            | 5         | 5.9        | 266        | 478        | 19.7       | 18        | 1.6                    | 1                      | NA        | 360            | 1100           |
| 07-06-2022  | Jun            | 5.5       | 5.2        | 264        | 470        | 18.6       | 16        | 1.8                    | 1.2                    | NA        | 360            | 1100           |
| 05-07-2022  | Jul            | 7.3       | 5.3        | 128        | 224        | 17.5       | 12        | 1.1                    | 0.66                   | NA        | 610            | 1200           |
| 02-08-2022  | Aug            | 5.6       | 5.4        | 222        | 340        | 16.6       | 14        | 1.2                    | 0.98                   | NA        | 360            | 1100           |
| 01-09-2022  | Sep            | 5.4       | 5.3        | 214        | 328        | 15.8       | 12        | 1.6                    | 0.88                   | NA        | 730            | 1500           |
| 10-10-2022  | Oct            | 5         | 5          | 204        | 322        | 16.2       | 12        | 1.5                    | 0.9                    | 0.3       | 720            | 1400           |
| 02-11-2022  | Nov            | 5.2       | 5.1        | 202        | 324        | 17.9       | 12        | 1.8                    | 0.92                   | NA        | 920            | 1600           |
| 05-12-2022  | Dec            | 5.1       | 5.4        | 202        | 299        | 18         | 12        | 1.9                    | 0.91                   | NA        | 730            | 1500           |
| 03-01-2023  | Jan            | 4.1       | 5.8        | 198        | 296        | 17.8       | 12        | 1.7                    | 0.96                   | NA        | 610            | 1600           |
| 02-02-2023  | Feb            | 5.2       | 5.5        | 196        | 304        | 20.6       | 10        | 1.5                    | 0.94                   | NA        | 360            | 1200           |
| 14-03-2023  | Mar            | 10.5      | 8          | 198        | 308        | 22.4       | 10        | 1.7                    | 0.95                   | NA        | 1.8(BDL)       | 1.8(BDL)       |
| 05-04-2023  | Apr            | 4.5       | 5.3        | 208        | 324        | 23.2       | 10        | 1.6                    | 0.97                   | 0.26      | 360            | 910            |
| 08-05-2023  | May            | 10        | 5.5        | 214        | 336        | 16         | 8         | 1.6                    | 0.96                   | NA        | 730            | 1500           |
| 12-06-2023  | Jun            | 10.2      | 5          | 188        | 302        | 14.6       | 8         | 1.4                    | 0.92                   | NA        | 620            | 1600           |
| <b>BISHNU PUSKAR PUKHURI OF HAYAGRIB MADHAB TEMPLE, HAJO, ASSAM</b> |                |           |            |            |            |            |           |                        |                        |           |                |                |
| 04-01-2021  | Jan            | 9         | 2.2        | 134        | 242        | 5.2        | 8         | 0.48                   | 0.3                    | NA        | 720            | 1500           |
| 02-02-2021  | Feb            | 10        | 2.4        | 134        | 235        | 8.5        | 12        | 0.52                   | 0.4                    | NA        | 610            | 1500           |
| 02-03-2021  | Mar            | 10        | 2.4        | 130        | 236        | 6          | 8         | 0.64                   | 0.4                    | NA        | 300            | 1100           |
| 08-04-2021  | Apr            | 7.4       | 2.3        | 132        | 230        | 8          | 12        | 0.5                    | 0.42                   | NA        | 720            | 1400           |
| 06-05-2021  | May            | 4.5       | 2          | 138        | 239        | 8.2        | 10        | 0.64                   | 0.3                    | NA        | 300            | 910            |
| 22-07-2021  | Jul            | 7.6       | 2.2        | 126        | 213        | 8          | 12        | 0.54                   | 0.28                   | NA        | 610            | 2000           |
| 03-08-2021  | Aug            | 7.4       | 2.1        | 124        | 210        | 7.8        | 12        | 0.54                   | 0.26                   | NA        | 300            | 730            |
| 02-09-2021  | Sep            | 4.8       | 2.6        | 124        | 210        | 7.6        | 12        | 0.56                   | 0.32                   | NA        | 2300           | 4300           |
| 04-10-2021  | Oct            | 5.6       | 2.3        | 126        | 213        | 8          | 12        | 0.58                   | 0.32                   | NA        | 360            | 910            |
| 02-11-2021  | Nov            | 9.1       | 2.6        | 128        | 218        | 7.7        | 14        | 0.56                   | 0.46                   | NA        | 300            | 1100           |
| 03-12-2021  | Dec            | 7.5       | 2.4        | 134        | 225        | 7.6        | 12        | 0.56                   | 0.4                    | NA        | 360            | 910            |
| 04-01-2022  | Jan            | 7.6       | 2.3        | 130        | 223        | 8          | 12        | 0.5                    | 0.48                   | NA        | 720            | 1100           |
| 02-02-2022  | Feb            | 8.2       | 2.4        | 132        | 231        | 7.7        | 12        | 0.48                   | 0.5                    | NA        | 730            | 1500           |
| 04-03-2022  | Mar            | 7.5       | 2.2        | 130        | 230        | 8.2        | 10        | 0.56                   | 0.8                    | NA        | 620            | 1600           |
| 06-04-2022  | Apr            | 10.2      | 2.4        | 128        | 218        | 8          | 10        | 0.58                   | 0.58                   | 0.22      | 720            | 1400           |
| 05-05-2022  | May            | 7.8       | 2.5        | 172        | 309        | 8.4        | 10        | 0.56                   | 0.46                   | NA        | 360            | 1100           |
| 07-06-2022  | Jun            | 7.7       | 2.3        | 164        | 288        | 8.8        | 10        | 0.58                   | 0.5                    | NA        | 600            | 1200           |
| 13-07-2022  | Jul            | 6.5       | 2.4        | 168        | 300        | 9.2        | 10        | 0.6                    | 0.78                   | NA        | 300            | 1100           |
| 02-08-2022  | Aug            | 8.5       | 2.4        | 180        | 304        | 8.4        | 8         | 0.54                   | 0.52                   | NA        | 720            | 1400           |
| 02-09-2022  | Sep            | 8.9       | 2.5        | 182        | 294        | 8.2        | 8         | 0.52                   | 0.56                   | NA        | 360            | 1100           |
| 12-10-2022  | Oct            | 7         | 2.6        | 166        | 280        | 8.1        | 8         | 0.53                   | 0.58                   | 0.2       | 360            | 910            |
| 02-11-2022  | Nov            | 10        | 2.5        | 170        | 272        | 7.9        | 8         | 0.54                   | 0.59                   | NA        | 1100           | 2000           |
| 05-12-2022  | Dec            | 6.5       | 2.3        | 166        | 266        | 8.4        | 8         | 0.58                   | 0.66                   | NA        | 730            | 1500           |
| 03-01-2023  | Jan            | 6.8       | 2.1        | 162        | 262        | 9.3        | 8         | 0.56                   | 0.68                   | NA        | 730            | 2000           |
| 02-02-2023  | Feb            | 10.9      | 2.6        | 162        | 258        | 9.8        | 6         | 0.59                   | 0.69                   | NA        | 360            | 1500           |
| 02-03-2023  | Mar            | 8.5       | 2          | 154        | 246        | 10.3       | 6         | 0.61                   | 0.67                   | NA        | 360            | 1400           |
| 03-04-2023  | Apr            | 9.2       | 2.2        | 162        | 240        | 11.6       | 8         | 0.6                    | 0.86                   | 0.2       | 360            | 1100           |
| 03-05-2023  | May            | 8.9       | 2.4        | 162        | 236        | 12.2       | 8         | 0.62                   | 0.67                   | NA        | 360            | 1200           |
| 06-06-2023  | Jun            | 7.7       | 2.3        | 128        | 218        | 10.8       | 6         | 0.58                   | 0.7                    | NA        | 300            | 940            |

**Table 6.2: Water Quality (Physio-chemical & Biological with units) for important Tourist destinations/circuits of Assam Hills**

| Sampling Date                             | Sampling Month | DO (mg/L) | BOD (mg/L) | TDS (mg/L) | EC (µS/cm) | COD (mg/L) | Cl (mg/L) | NH <sub>4</sub> (mg/L) | PO <sub>4</sub> (mg/L) | Fe (mg/L) | FC (MPN/100ml) | TC (MPN/100ml) |
|---|----------------|-----------|------------|------------|------------|------------|-----------|------------------------|------------------------|-----------|----------------|----------------|
| <b>CHAND DUBI BEEL, CHAND DUBI, ASSAM</b> |                |           |            |            |            |            |           |                        |                        |           |                |                |
| 20-01-2021                                | Jan            | 6.8       | 2.4        | 60         | 92         | 6.4        | 8         | 0.44                   | 0.5                    | NA        | 300            | 720            |
| 17-02-2021                                | Feb            | 7.8       | 2.1        | 60         | 95         | 6.8        | 8         | 0.48                   | 0.26                   | NA        | 360            | 910            |
| 16-03-2021                                | Mar            | 8.5       | 2.5        | 64         | 96         | 6.8        | 8         | 0.48                   | 0.5                    | NA        | 300            | 720            |
| 27-04-2021                                | Apr            | 4.6       | 2.2        | 62         | 101        | 7          | 8         | 0.5                    | 0.24                   | NA        | 300            | 730            |
| 07-07-2021                                | Jul            | 6.2       | 2.1        | 58         | 89         | 7.8        | 6         | 0.58                   | 0.7                    | NA        | 360            | 730            |
| 20-08-2021                                | Aug            | 5.8       | 2.6        | 58         | 98         | 8          | 6         | 0.58                   | 0.42                   | NA        | 730            | 1500           |
| 22-09-2021                                | Sep            | 6         | 2.6        | 56         | 83         | 7.8        | 10        | 0.6                    | 0.42                   | NA        | 300            | 730            |
| 21-10-2021                                | Oct            | 8.1       | 2.4        | 62         | 93         | 8.2        | 10        | 0.58                   | 0.4                    | NA        | 360            | 910            |
| 22-11-2021                                | Nov            | 10.3      | 2.4        | 58         | 90         | 7.8        | 10        | 0.58                   | 0.56                   | NA        | 360            | 1100           |
| 27-12-2021                                | Dec            | 7.4       | 2.4        | 70         | 108        | 8          | 10        | 0.54                   | 0.56                   | NA        | 360            | 1100           |
| 19-01-2022                                | Jan            | 7.4       | 2.4        | 68         | 102        | 7.8        | 10        | 0.54                   | 0.58                   | NA        | 360            | 1100           |
| 28-02-2022                                | Feb            | 5.4       | 2.5        | 92         | 153        | 8.6        | 10        | 0.52                   | 0.62                   | NA        | 360            | 1100           |
| 22-03-2022                                | Mar            | 9         | 2.6        | 90         | 150        | 9          | 10        | 0.53                   | 0.6                    | NA        | 620            | 1200           |
| 29-04-2022                                | Apr            | 7.8       | 2.7        | 86         | 134        | 8.8        | 10        | 0.5                    | 0.84                   | 0.2       | 730            | 1500           |
| 23-05-2022                                | May            | 7.8       | 2.8        | 80         | 124        | 8.8        | 10        | 0.56                   | 0.72                   | NA        | 360            | 1400           |
| 21-06-2022                                | Jun            | 8.1       | 2.7        | 76         | 115        | 8.7        | 10        | 0.6                    | 0.66                   | NA        | 360            | 1100           |
| 19-07-2022                                | Jul            | 8.6       | 2.8        | 78         | 120        | 8.8        | 10        | 0.62                   | 0.7                    | NA        | 360            | 1100           |
| 10-08-2022                                | Aug            | 4.6       | 2.7        | 74         | 98         | 8.6        | 8         | 0.6                    | 0.68                   | NA        | 360            | 730            |
| 19-09-2022                                | Sep            | 7.5       | 2.4        | 68         | 92         | 8.8        | 8         | 0.64                   | 0.66                   | NA        | 360            | 1100           |
| 28-10-2022                                | Oct            | 9         | 2.5        | 76         | 106        | 8.4        | 6         | 0.66                   | 0.67                   | 0.22      | 610            | 1200           |
| 17-11-2022                                | Nov            | 8.5       | 2.6        | 78         | 110        | 8.6        | 6         | 0.69                   | 0.69                   | NA        | 360            | 1400           |
| 16-12-2022                                | Dec            | 7         | 2.8        | 86         | 142        | 9.2        | 8         | 0.66                   | 0.64                   | NA        | 910            | 2100           |
| 19-01-2023                                | Jan            | 8.7       | 2.5        | 84         | 138        | 8.9        | 8         | 0.62                   | 0.61                   | NA        | 920            | 1600           |
| 14-02-2023                                | Feb            | 7.9       | 2.3        | 88         | 132        | 9.6        | 8         | 0.61                   | 0.62                   | NA        | 360            | 1100           |
| 21-03-2023                                | Mar            | 8.8       | 2.4        | 92         | 138        | 10.2       | 6         | 0.6                    | 0.64                   | NA        | 360            | 1300           |
| 25-04-2023                                | Apr            | 7.7       | 2.2        | 94         | 132        | 10.8       | 8         | 0.61                   | 0.67                   | 0.22      | 360            | 1200           |
| 17-05-2023                                | May            | 5.3       | 2.3        | 96         | 130        | 11.6       | 8         | 0.59                   | 0.65                   | NA        | 360            | 1400           |
| 20-06-2023                                | Jun            | 6.2       | 2.1        | 88         | 122        | 11         | 6         | 0.57                   | 0.62                   | NA        | 360            | 1200           |
| <b>MAHAMAYA MANDIR PUKHURI, ASSAM</b>     |                |           |            |            |            |            |           |                        |                        |           |                |                |
| 28-01-2021                                | Jan            | 4.1       | 1.9        | 54         | 80         | 7.2        | 8         | 0.48                   | 0.27                   | NA        | 300            | 1400           |
| 22-02-2021                                | Feb            | 4.7       | 2.6        | 48         | 71         | 7.2        | 6         | 0.54                   | 0.3                    | NA        | 300            | 910            |
| 22-03-2021                                | Mar            | 4.1       | 2.3        | 56         | 84         | 7.7        | 8         | 0.5                    | 0.3                    | NA        | 720            | 2000           |
| 26-04-2021                                | Apr            | 4.5       | 2.5        | 52         | 74         | 7.6        | 6         | 0.56                   | 0.4                    | NA        | 720            | 1500           |
| 26-07-2021                                | Jul            | 4         | 2.6        | 48         | 68         | 7.2        | 6         | 0.58                   | 0.4                    | NA        | 610            | 1500           |
| 20-08-2021                                | Aug            | 5.1       | 2.4        | 56         | 82         | 7.8        | 6         | 0.54                   | 0.4                    | NA        | 720            | 1400           |
| 20-09-2021                                | Sep            | 4.8       | 2.4        | 52         | 71         | 7.6        | 8         | 0.56                   | 0.26                   | NA        | 360            | 1100           |
| 27-10-2021                                | Oct            | 4.6       | 2.2        | 62         | 88         | 7.7        | 10        | 0.56                   | 0.34                   | NA        | 300            | 910            |
| 29-11-2021                                | Nov            | 5.1       | 2.2        | 56         | 83         | 8          | 8         | 0.58                   | 0.38                   | NA        | 910            | 2100           |
| 16-12-2021                                | Dec            | 4.8       | 2.2        | 64         | 95         | 7.4        | 8         | 0.52                   | 0.44                   | NA        | 910            | 2000           |
| 27-01-2022                                | Jan            | 4.8       | 2.4        | 62         | 88         | 7.6        | 8         | 0.6                    | 0.42                   | NA        | 720            | 1400           |
| 21-02-2022                                | Feb            | 4.8       | 2.5        | 60         | 87         | 8.2        | 8         | 0.52                   | 0.5                    | NA        | 730            | 1500           |
| 23-03-2022                                | Mar            | 4.5       | 2.6        | 58         | 82         | 8.4        | 8         | 0.56                   | 0.6                    | NA        | 360            | 910            |
| 25-04-2022                                | Apr            | 4.9       | 2.7        | 56         | 80         | 8.6        | 8         | 0.6                    | 0.64                   | 0.18      | 620            | 1200           |
| 31-05-2022                                | May            | 5.1       | 2.7        | 62         | 88         | 8          | 8         | 0.55                   | 0.72                   | NA        | 720            | 1100           |
| 29-06-2022                                | Jun            | 4.6       | 2.5        | 60         | 80         | 8.2        | 8         | 0.58                   | 0.66                   | NA        | 600            | 1200           |
| 18-07-2022                                | Jul            | 4.7       | 2.5        | 60         | 82         | 8.8        | 8         | 0.6                    | 0.7                    | NA        | 300            | 940            |
| 22-08-2022                                | Aug            | 4.9       | 2.4        | 66         | 88         | 8.6        | 6         | 0.58                   | 0.66                   | NA        | 300            | 1500           |
| 19-09-2022                                | Sep            | 5.1       | 2.2        | 68         | 94         | 8.2        | 6         | 0.6                    | 0.64                   | NA        | 300            | 910            |
| 30-10-2022                                | Oct            | 4.9       | 2.3        | 72         | 98         | 8.5        | 6         | 0.62                   | 0.62                   | 0.19      | 720            | 1400           |
| 21-11-2022                                | Nov            | 4.7       | 2.4        | 88         | 104        | 8.8        | 6         | 0.66                   | 0.66                   | NA        | 620            | 1300           |
| 19-12-2022                                | Dec            | 5.2       | 2.3        | 68         | 96         | 8.6        | 8         | 0.64                   | 0.67                   | NA        | 620            | 1500           |
| 19-01-2023                                | Jan            | 5.1       | 2.5        | 74         | 94         | 8.9        | 8         | 0.63                   | 0.66                   | NA        | 620            | 1600           |
| 15-02-2023                                | Feb            | 5.2       | 2.3        | 72         | 104        | 9.2        | 6         | 0.62                   | 0.67                   | NA        | 300            | 1100           |
| 22-03-2023                                | Mar            | 5.4       | 2.4        | 78         | 108        | 10.4       | 8         | 0.6                    | 0.65                   | NA        | 300            | 1500           |
| 25-04-2023                                | Apr            | 5.3       | 2.3        | 86         | 114        | 11.2       | 8         | 0.61                   | 0.66                   | 0.2       | 300            | 1100           |
| 22-05-2023                                | May            | 5.4       | 1.9        | 74         | 120        | 10         | 6         | 0.58                   | 0.65                   | NA        | 360            | 910            |
| 20-06-2023                                | Jun            | 5.3       | 1.8        | 68         | 112        | 9.8        | 6         | 0.59                   | 0.64                   | NA        | 300            | 1500           |



**Table 6.2: Water Quality (Physio-chemical & Biological with units) for important Tourist destinations/circuits of Assam Hills**

| Sampling Date                        | Sampling Month | DO (mg/L) | BOD (mg/L) | TDS (mg/L) | EC (µS/cm) | COD (mg/L) | Cl (mg/L) | NH <sub>4</sub> (mg/L) | PO <sub>4</sub> (mg/L) | Fe (mg/L) | FC (MPN/100ml) | TC (MPN/100ml) |
|--------------------------------------|----------------|-----------|------------|------------|------------|------------|-----------|------------------------|------------------------|-----------|----------------|----------------|
| <b>MAGURI BEEL, GUIJAN, TINSUKIA</b> |                |           |            |            |            |            |           |                        |                        |           |                |                |
| 18-01-2021                           | Jan            | 10.3      | 2.3        | 78         | 126        | 7.4        | 8         | 0.58                   | 0.46                   | NA        | 300            | 1100           |
| 03-02-2021                           | Feb            | 8.8       | 2.3        | 76         | 125        | 7.8        | 8         | 0.48                   | 0.7                    | NA        | 300            | 1100           |
| 09-03-2021                           | Mar            | 9         | 2.2        | 80         | 131        | 7.2        | 8         | 0.6                    | 0.5                    | NA        | 620            | 1100           |
| 27-04-2021                           | Apr            | 6.2       | 2.5        | 78         | 134        | 7.6        | 8         | 0.46                   | 0.7                    | 0.22      | 720            | 1400           |
| 15-07-2021                           | Jul            | 4         | 2.5        | 90         | 140        | 7.2        | 8         | 0.48                   | 0.68                   | NA        | 300            | 1100           |
| 18-08-2021                           | Aug            | 6.3       | 2.6        | 100        | 148        | 7.8        | 6         | 0.5                    | 0.62                   | NA        | 360            | 1100           |
| 13-09-2021                           | Sep            | 3.8       | 2.4        | 88         | 136        | 7.7        | 8         | 0.5                    | 0.64                   | NA        | 720            | 1400           |
| 05-10-2021                           | Oct            | 6.8       | 2.5        | 92         | 146        | 7.8        | 8         | 0.52                   | 0.56                   | NA        | 360            | 910            |
| 16-11-2021                           | Nov            | 8.8       | 2.2        | 92         | 147        | 8          | 10        | 0.5                    | 0.54                   | NA        | 360            | 1100           |
| 06-12-2021                           | Dec            | 7.7       | 2.4        | 96         | 153        | 7.7        | 8         | 0.54                   | 0.58                   | NA        | 300            | 1100           |
| 05-01-2022                           | Jan            | 9.7       | 2.2        | 98         | 155        | 8.6        | 10        | 0.56                   | 0.48                   | NA        | 300            | 720            |
| 03-02-2022                           | Feb            | 9.5       | 2.4        | 100        | 165        | 8          | 8         | 0.6                    | 0.5                    | NA        | 360            | 1100           |
| 03-03-2022                           | Mar            | 6.9       | 2.7        | 108        | 182        | 7.8        | 8         | 0.58                   | 0.65                   | NA        | 610            | 1100           |
| 04-04-2022                           | Apr            | 9.5       | 2.5        | 104        | 176        | 8.8        | 8         | 0.52                   | 0.6                    | 0.14      | 610            | 1100           |
| 09-05-2022                           | May            | 5.5       | 2.6        | 102        | 166        | 8.4        | 8         | 0.56                   | 0.56                   | NA        | 620            | 1300           |
| 08-06-2022                           | Jun            | 5.7       | 2.4        | 104        | 172        | 8          | 8         | 0.58                   | 0.58                   | NA        | 300            | 1100           |
| 06-07-2022                           | Jul            | 4         | 2.5        | 106        | 178        | 8.9        | 8         | 0.58                   | 0.6                    | NA        | 300            | 1200           |
| 03-08-2022                           | Aug            | 7.1       | 2.1        | 110        | 160        | 8.4        | 8         | 0.56                   | 0.6                    | NA        | 360            | 1100           |
| 01-09-2022                           | Sep            | 6.5       | 2.4        | 112        | 168        | 8          | 6         | 0.54                   | 0.56                   | NA        | 360            | 1100           |
| 10-10-2022                           | Oct            | 6.5       | 2.5        | 98         | 162        | 8.5        | 6         | 0.58                   | 0.57                   | 0.16      | 720            | 1100           |
| 03-11-2022                           | Nov            | 5.8       | 2.6        | 98         | 154        | 7.9        | 6         | 0.62                   | 0.61                   | NA        | 620            | 1200           |
| 06-12-2022                           | Dec            | 6         | 2.5        | 106        | 160        | 8.6        | 6         | 0.6                    | 0.62                   | NA        | 620            | 1300           |
| 09-01-2023                           | Jan            | 9.7       | 2.3        | 110        | 152        | 9.2        | 8         | 0.61                   | 0.64                   | NA        | 620            | 1200           |
| 02-02-2023                           | Feb            | 8.1       | 2.5        | 104        | 156        | 9.6        | 6         | 0.62                   | 0.63                   | NA        | 360            | 1100           |
| 09-03-2023                           | Mar            | 8         | 2.6        | 106        | 154        | 10.2       | 8         | 0.6                    | 0.66                   | NA        | 300            | 1100           |
| 03-04-2023                           | Apr            | 6.9       | 2.4        | 110        | 168        | 11.8       | 8         | 0.61                   | 0.67                   | 0.16      | 300            | 910            |
| 03-05-2023                           | May            | 7.4       | 2.1        | 94         | 148        | 12         | 8         | 0.6                    | 0.65                   | NA        | 360            | 910            |
| 07-06-2023                           | Jun            | 5.8       | 1.9        | 90         | 142        | 12.4       | 8         | 0.6                    | 0.65                   | NA        | 360            | 730            |
| <b>SON BEEL WATER AT KARIMGANJ</b>   |                |           |            |            |            |            |           |                        |                        |           |                |                |
| 27-01-2021                           | Jan            | 4.2       | 2.4        | 90         | 154        | 6.3        | 8         | 0.46                   | 0.24                   | NA        | 300            | 910            |
| 22-02-2021                           | Feb            | 4.1       | 2.2        | 98         | 150        | 8.4        | 10        | 1.8                    | 0.2(BDL)               | NA        | 300            | 1100           |
| 17-03-2021                           | Mar            | 4.2       | 2.4        | 106        | 158        | 9.6        | 12        | 1.6                    | 0.3                    | NA        | 600            | 1100           |
| 27-04-2021                           | Apr            | 4.2       | 2.2        | 100        | 150        | 8.4        | 10        | 0.8                    | 0.2(BDL)               | NA        | 300            | 730            |
| 28-07-2021                           | Jul            | 4.3       | 2.3        | 80         | 123        | 7.2        | 8         | 0.53                   | 0.32                   | NA        | 300            | 730            |
| 26-08-2021                           | Aug            | 4.2       | 2.6        | 106        | 156        | 8          | 8         | 0.62                   | 0.32                   | NA        | 360            | 1100           |
| 21-09-2021                           | Sep            | 4.3       | 2.7        | 82         | 130        | 7.5        | 8         | 0.52                   | 0.34                   | NA        | 300            | 1100           |
| 28-10-2021                           | Oct            | 4         | 2.8        | 90         | 136        | 8.2        | 10        | 0.56                   | 0.42                   | NA        | 360            | 910            |
| 22-11-2021                           | Nov            | 4.1       | 2.8        | NA         | 132        | NA         | NA        | NA                     | NA                     | NA        | 360            | 1100           |
| 16-12-2021                           | Dec            | 4.1       | 2.8        | 96         | 152        | 8.2        | 10        | 0.54                   | 0.4                    | NA        | 910            | 2100           |
| 27-01-2022                           | Jan            | 4.1       | 2.9        | 74         | 112        | 8          | 10        | 0.56                   | 0.6                    | NA        | 360            | 910            |
| 21-02-2022                           | Feb            | 4.1       | 2.6        | 96         | 156        | 8.4        | 8         | 0.58                   | 0.62                   | NA        | 910            | 2000           |
| 23-03-2022                           | Mar            | 5.2       | 2.7        | 70         | 104        | 7.9        | 8         | 0.66                   | 0.6                    | NA        | 730            | 1500           |
| 26-04-2022                           | Apr            | 4.6       | 2.8        | 84         | 132        | 8          | 8         | 0.56                   | 0.58                   | 0.22      | 720            | 1400           |
| 18-07-2022                           | Jul            | 4.2       | 2.6        | 80         | 126        | 8.2        | 10        | 0.58                   | 0.6                    | NA        | 360            | 940            |
| 22-08-2022                           | Aug            | 4.3       | 2.3        | 82         | 120        | 8          | 8         | 0.56                   | 0.62                   | NA        | 300            | 900            |
| 19-09-2022                           | Sep            | 4.4       | 2.5        | 88         | 132        | 9.6        | 6         | 0.54                   | 0.6                    | NA        | 300            | 910            |
| 25-10-2022                           | Oct            | 4.6       | 2.3        | 96         | 128        | 9.5        | 6         | 0.58                   | 0.62                   | 0.23      | 360            | 1100           |
| 21-11-2022                           | Nov            | 4.5       | 2.4        | 84         | 132        | 9.6        | 8         | 0.6                    | 0.62                   | NA        | 600            | 1200           |
| 21-12-2022                           | Dec            | 4.4       | 2.6        | 86         | 120        | 10.8       | 8         | 0.58                   | 0.58                   | NA        | 620            | 1300           |
| 19-01-2023                           | Jan            | 5         | 2.3        | 82         | 112        | 10.3       | 6         | 0.61                   | 0.65                   | NA        | 620            | 1200           |
| 15-02-2023                           | Feb            | 5         | 2.5        | 82         | 126        | 10.1       | 6         | 0.6                    | 0.64                   | NA        | 360            | 1200           |
| 22-03-2023                           | Mar            | 5.1       | 2.6        | 76         | 122        | 10.9       | 6         | 0.59                   | 0.61                   | NA        | 360            | 910            |
| 25-04-2023                           | Apr            | 4.5       | 2.3        | 84         | 136        | 11         | 8         | 0.61                   | 0.64                   | 0.21      | 360            | 1100           |
| 24-05-2023                           | May            | 5         | 2.1        | 88         | 130        | 11.8       | 6         | 0.58                   | 0.64                   | NA        | 620            | 1200           |
| 26-06-2023                           | Jun            | 5.2       | 2.2        | 82         | 124        | 12         | 8         | 0.6                    | 0.66                   | NA        | 360            | 1100           |

**Table 6.2: Water Quality (Physio-chemical & Bioical with units) for important Tourist destinations/circuits of Assam Hills**

| Sampling Date                                    | Sampling Month | DO (mg/L) | BOD (mg/L) | TDS (mg/L) | EC (µS/cm) | COD (mg/L) | Cl (mg/L) | NH <sub>4</sub> (mg/L) | PO <sub>4</sub> (mg/L) | Fe (mg/L) | FC (MPN/100ml) | TC (MPN/100ml) |
|--|----------------|-----------|------------|------------|------------|------------|-----------|------------------------|------------------------|-----------|----------------|----------------|
| <b>JORPUKHURI AT UZANBAZAR (UGRATALA TEMPLE)</b> |                |           |            |            |            |            |           |                        |                        |           |                |                |
| 19-01-2021                                       | Jan            | 5.4       | 2.1        | 214        | 394        | 12.2       | 18        | 0.5                    | 0.32                   | NA        | 910            | 2000           |
| 10-02-2021                                       | Feb            | 8.2       | 2.5        | 214        | 396        | 8          | 24        | 0.6                    | 0.3                    | NA        | 610            | 1500           |
| 10-03-2021                                       | Mar            | 7         | 2.5        | 218        | 395        | 13.5       | 18        | 0.54                   | 0.34                   | NA        | 720            | 1500           |
| 22-04-2021                                       | Apr            | 11        | 2.6        | 218        | 404        | 8.7        | 24        | 0.56                   | 0.34                   | NA        | 360            | 910            |
| 15-07-2021                                       | Jul            | 4.6       | 2.8        | 214        | 394        | 8.2        | 16        | 0.56                   | 0.3                    | NA        | 730            | 1500           |
| 16-08-2021                                       | Aug            | 4.5       | 2.4        | 242        | 382        | 8.8        | 12        | 0.5                    | 0.32                   | NA        | 730            | 1500           |
| 15-09-2021                                       | Sep            | 6.1       | 2.9        | 210        | 390        | 8.4        | 16        | 0.58                   | 0.4                    | NA        | 730            | 1500           |
| 25-10-2021                                       | Oct            | 7         | 2.5        | 224        | 390        | 8.9        | 14        | 0.56                   | 0.34                   | NA        | 730            | 1600           |
| 17-11-2021                                       | Nov            | 7.2       | 2.8        | 212        | 393        | 8.3        | 16        | 0.56                   | 0.42                   | NA        | 730            | 1100           |
| 15-12-2021                                       | Dec            | 5         | 2.6        | 226        | 388        | 8.5        | 12        | 0.58                   | 0.38                   | NA        | 720            | 1400           |
| 19-01-2022                                       | Jan            | 7.6       | 2.6        | 220        | 401        | 8          | 14        | 0.62                   | 0.5                    | NA        | 720            | 1400           |
| 18-02-2022                                       | Feb            | 8.3       | 2.7        | 230        | 423        | 8          | 16        | 0.64                   | 0.96                   | NA        | 730            | 1500           |
| 22-03-2022                                       | Mar            | 5.4       | 2.8        | NA         | 420        | NA         | NA        | NA                     | NA                     | NA        | 720            | 1400           |
| 25-04-2022                                       | Apr            | 9.3       | 2.7        | 230        | 428        | 8.8        | 14        | 0.62                   | 0.98                   | 0.2       | 360            | 1500           |
| 30-05-2022                                       | May            | 8.9       | 2.6        | 230        | 420        | 8.7        | 14        | 0.58                   | 0.96                   | NA        | 730            | 1500           |
| 21-06-2022                                       | Jun            | 9.2       | 2.7        | 222        | 404        | 8.9        | 16        | 0.6                    | 0.9                    | NA        | 720            | 1400           |
| 15-07-2022                                       | Jul            | 7.9       | 2.8        | 226        | 412        | 9.8        | 18        | 0.68                   | 1                      | NA        | 940            | 1600           |
| 17-08-2022                                       | Aug            | 4.2       | 2.6        | 230        | 348        | 9.2        | 16        | 0.64                   | 1.2                    | NA        | 720            | 1500           |
| 19-09-2022                                       | Sep            | 7.2       | 2.4        | 216        | 354        | 9.6        | 10        | 0.62                   | 1                      | NA        | 620            | 1600           |
| 28-10-2022                                       | Oct            | 8         | 2.6        | 220        | 350        | 9.8        | 8         | 0.66                   | 0.99                   | 0.21      | 730            | 1600           |
| 17-11-2022                                       | Nov            | 6.4       | 2.5        | 226        | 354        | 7.9        | 8         | 0.64                   | 0.92                   | NA        | 730            | 1500           |
| 16-12-2022                                       | Dec            | 4.8       | 2.7        | 220        | 362        | 8.8        | 6         | 0.67                   | 0.94                   | NA        | 940            | 1600           |
| 20-01-2023                                       | Jan            | 7.7       | 2.5        | 226        | 358        | 9          | 8         | 0.66                   | 0.96                   | NA        | 720            | 1500           |
| 16-02-2023                                       | Feb            | 6.4       | 2.7        | 224        | 364        | 9.8        | 6         | 0.65                   | 0.93                   | NA        | 360            | 1500           |
| 21-03-2023                                       | Mar            | 5.9       | 2.5        | 226        | 358        | 9.3        | 8         | 0.64                   | 0.9                    | NA        | 300            | 1400           |
| 26-04-2023                                       | Apr            | 6.1       | 2.8        | 232        | 362        | 9.9        | 10        | 0.67                   | 0.88                   | 0.21      | 940            | 1600           |
| 18-05-2023                                       | May            | 5         | 2.7        | 226        | 356        | 10.6       | 8         | 0.66                   | 0.86                   | NA        | 910            | 2000           |
| 21-06-2023                                       | Jun            | 5         | 2.6        | 218        | 348        | 9.8        | 8         | 0.65                   | 0.8                    | NA        | 730            | 1500           |