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EG/WK/4751/Part (Ro-Pax)/95

Dated: 15/06/2026

To,
The Director (Environment) & Member Secretary,
Gujarat Coastal Zone Management Authority,
Forest & Environment Department,
Govt. of Gujarat,
Block No. 14, 8th floor,
Sachivalaya,
Gandhinagar - 382 010

Sub: Bifurcation (600 mt waterfront out of total 4800 mt) of Environmental and CRZ clearance issued to M/s Essar Bulk Terminal Limited for Expansion of Port Facility at Hazira, Surat, Gujarat - **Submission of Compliance Report of Stipulated Conditions in CRZ recommendation req.**

Ref.:

1. Bifurcation (600 mt water front out of total 4800 mt) of Environmental and CRZ Clearance issued to M/s Essar Bulk Terminal Limited for expansion of port facility at Hazira, Surat, Gujarat by the MoEF&CC, GoI vide letter F.No. 11-46/2011 - IA III dated 4/4/2022
2. Environmental and CRZ Clearance for the expansion of port facility at Hazira, Surat, Gujarat by M/s Essar Bulk Terminal Ltd by the MoEF&CC, GoI vide letter F.No. 11-46/2011 - IA III dated 06/05/2014
3. CRZ Recommendation issued by GCZMA, GoG vide letter dated 01/06/2013 to M/s Essar Bulk Terminal
4. DPA letter no. EG/WK/4751/Part (Ro-Pax)/346 dated 07/08/2023
5. DPA letter no. EG/WK/4751/Part (Ro-Pax)/36 dated 18/03/2024
6. DPA letter no. EG/WK/4751/Part (Ro-Pax)/181 dated 02/12/2024
7. DPA letter no. EG/WK/4751/Part (Ro-Pax)/65 dated 08/05/2025
8. DPA letter no. EG/WK/4751/Part (Ro-Pax)/72 dated 30/09/2025
9. DPA letter no. EG/WK/4751/Part (Ro-Pax)/08 dated 04/12/2025

Sir,

It is requested to kindly refer above cited reference for the said subject.

In this regard, it is to state that, the MoEF&CC, GoI, New Delhi vide above mentioned letter dated 4/4/2022 cited at Reference 1 had issued Bifurcation of Environmental and CRZ Clearance accorded to M/s Essar Bulk Terminal Limited vide letter of even number dated 6th May, 2014 in the name of Deendayal Port Trust (Now Deendayal Port Authority) for **"Development of 600 m Waterfront and 24 ha. Back up Area at Hazira, Surat by Deendayal Port Trust (Now: Deendayal Port Authority)"**.

.....Cont.....

In the said letter dated 4/4/2022, the MoEF&CC, GoI under Para 8 has mentioned that, Deendayal Port Authority shall comply with all the specific & general conditions stipulated in the EC & CRZ Clearance of even no. dated 6th May, 2014 cited at Reference 2.

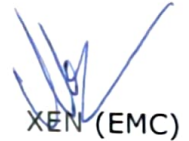
Accordingly, as directed under Specific Condition no. (xv) stipulated in the EC & CRZ Clearance dated 6th May, 2014 i.e. All the conditions/ recommendations stipulated by Gujarat Coastal Zone Management Authority (GCZMA) No. ENV 10-2011-877-E dated 01.06.2013 shall be complied with, kindly find enclosed herewith compliance report of stipulated conditions in the CRZ recommendation for the period from October 2025 to March 2026 (**Annexure I**) along with necessary annexures, for kind information and record please.

Further, as per the MoEF&CC, Notification S.O.5845 (E) dated 26.11.2018, which stated that "In the said notification, in paragraph 10, in sub-paragraph (ii), **for the words "hard and soft copies" the words "soft copy" shall be substituted**". Accordingly, we are submitting herewith soft copy of the same via e-mail ID gczma.crz@gmail.com & direnv@gujarat.gov.in

This has the approval of Chief Engineer, Deendayal Port Authority.

Encl.: As above

Yours faithfully,



XEN (EMC)
Deendayal Port Authority

Copy to:

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Scientist E, Ministry of Environment, Forest and Climate Change,
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Annexure -I

Compliance report (Period from October, 2025 to March, 2026)

Project: Development of Ro-Ro/Ro-Pax Facility at Hazira by Deendayal Port Authority (600 m water front – 170 m berthing jetty and other allied structure viz. approach jetty, pontoons, link span etc. and 5 Ha. area (onshore facility)).

Status of Project: Under Operation Stage (RoRo/RoPax facility: 170 m berthing jetty and other allied structure viz. approach jetty, pontoons, link span etc. and 5 Ha. area (onshore facility)). As per bifurcated EC & CRZ Clearance dated 4/4/2022 issued by the MoEF&CC, GoI, DPA has obtained CCA (PCB Id: 88242) from GPCB vide Order dated 10/07/2023 with validity up to 26/07/2027.

Reference:

- MoEF&CC, GoI, vide letter dated 4/4/2022 issued Bifurcation of EC&CRZ Clearance accorded to M/s Essar Bulk Terminal Limited vide letter dated 6th May, 2014 by MoEF&CC, GoI in the name of Deendayal Port Trust (Now Deendayal Port Authority).
- Condition no. (xv) under Specific Conditions "All the conditions/recommendations stipulated by Gujarat Coastal Zone Management Authority (GZCMA) No. ENV 10-2011-877-E dated 01/06/2013" of Environmental and CRZ Clearance accorded to M/s Essar Bulk Terminal Limited vide letter dated 6th May, 2014 by MoEF&CC, GoI.

Status of compliance of conditions stipulated in the CRZ Recommendation dated 01/06/2013:

Sl. No.	EC Condition	Compliance
1.	The provisions of the CRZ Notification of 2011 shall be strictly adhered to by M/s EBTL. No activity in contradiction to the provisions of the CRZ Notification shall be carried out by M/s EBTL.	With regard to Ro-Ro/Ro-Pax Facility developed by DPA, the provisions of the CRZ Notification of 2011 are being strictly adhered to by DPA and no activity in contradiction to the provisions of the CRZ Notification is being carried out.
2.	Natural drainage system shall be designed in such a way that there shall be no damage to the existing mangrove patches nearby site.	The GMB had allotted land of 24 Hectares to Deendayal Port Authority devoid of Mangroves. However, due care is being taken so that Natural Drainage System will be maintained.
3.	The Essar Bulk Terminal Limited shall take up mangrove plantation in 500 ha of land in consultation with GEC/Forest department.	As per the directions of the GCZMA and MoEF&CC, GoI, to date, DPA has undertaken a Mangrove Plantation in an area of 1650 Hectares since the year 2005. The details have already been communicated with the earlier compliance reports submitted.

4.	Coal, ore and other material handling shall be done through totally closed system.	N/A. DPA developed Ro-Ro/Ro-Pax facility which is being used for public conveyance and also for trailer, trucks, cars etc.
5.	All necessary permissions from different Government Departments/ agencies, including GMB, shall be obtained by M/s EBTL, before commencing the activities.	<p>The Ministry of Ports, Shipping & Waterways, Government of India appointed Deendayal Port Authority (Erstwhile: DPT) as its nominee to take over the Project assets under the Concession Agreement (at Ghogha and Dahej terminals and the maintenance dredging at Dahej terminal) and also the assets at Hazira for the Ro-Pax ferry service. For the purpose, the 600m waterfront along with 24 ha backup land is allotted to Deendayal Port Authority by the Gujarat Maritime Board, GoG at Hazira for developing Ro-Ro/Ro-Pax Facility at Hazira Copy of GMB has already been communicated along with earlier compliance report.</p> <p>As directed in the Bifurcated EC & CRZ Clearance issued to DPA by the MoEF&CC, GoI dated 4/4/2022 , DPA has obtained the CCA from the Gujarat Pollution Control Board (under Water Act 1974 and Air Act 1981) in the name of DPA for development of 600 m waterfront and 24 ha back up area vide GPCB letter no. GPCB/CCA-SRT-2458/ID-88242/74790 dated 13/07/2023.</p>
6.	All the recommendations and suggestions given by WAPCOS in their Environmental Impact Assessment reports for conservation/ protection and betterment of environment shall be implemented strictly by M/s EBTL.	Point noted.
7.	<p>The construction and operational activities shall be carried out in such a way that there is no negative impact on mangroves, if any, and other important coastal / marine habitats.</p> <p>Construction activity shall be carried out only under the guidance/ supervision of the reputed institute / organization.</p>	<p>The GMB had allotted land of 24 Hectares to Deendayal Port Authority devoid of Mangroves.</p> <p>However, due care is being taken so that there is no negative impact on mangroves, if any, and other important coastal/ marine habitat.</p>

		The Ro-Ro/Ro-pax facility is under operation.
8.	M/s EBTL shall strictly ensure that no rivers are blocked due to any activity at the proposed site.	It is assured that; due care is being taken by DPA so that no rivers are blocked due to any activity at the project site.
9.	The construction debris and / or any other type of waste shall not be disposed of in to the sea, creek or in the CRZ area. The debris shall be removed from the construction site immediately after construction is over.	Currently, the Ro-Ro/Ro-pax facility is under operation.
10.	The construction camps shall be located outside the CRZ area and the construction labour shall be provided with the necessary amenities, including sanitation, water supply and fuel and it shall be ensured that the environmental conditions are not deteriorated by the construction labours.	Currently, the Ro-Ro/Ro-pax facility is under operation.
11.	M/s EBTL shall bear the cost of the external agency that may be appointed by this department for supervision / monitoring of proposed activities and the environmental impacts of the proposed activities.	Currently, the Ro-Ro/Ro-pax facility is under operation.
12.	The groundwater shall not be tapped within the CRZ areas by the EBTL to meet with the water requirements in any case.	Water requirements are met through private tankers.
13.	M/s EBTL shall take up massive greenbelt developmental activities in consultation with Forest Department / GEER Foundation / Gujarat Ecology Commission. A comprehensive plan for this purpose has to be submitted to the Forest and Environment Department.	DPA had already developed required plantation (area of about 7000 m²) within the Ro-Ro/Ro-Pax Terminal area .
14.	The EBTL shall have to take up bio-shielding development programme as part of CSR in consultation with Forest Department / PCCF and an action plan in this regard shall have to be submitted to the MoEF, GoI and this department.	Not Applicable. DPA developed Ro-Ro/Ro-Pax facility which is being used for public conveyance and also for trailer, trucks, cars etc.

15.	The EBTL shall have to contribute financially for taking up the socio-economic upliftment activities in this region in consultation with the Forest and Environment Department and the District Collector / District Development Officer.	As per the CSR Guidelines issued from time to time by the MoPSW,GoI, DPA since the year 2011-12 had carried out various CSR activities (Annexure 1).
16.	A separate budget shall be earmarked for environmental management and socio-economic activities including the greenbelt/ mangrove plantation and details thereof shall be furnished to this Department as well as the MoEF, GoI. The details with respect to the expenditure from this budget head shall also be furnished along with the compliance report.	<p>The allocation made under the scheme of "Environmental Services & Clearance thereof other related Expenditure" during RBE 2025-2026 is Rs. 1300.00 Lakhs.</p> <p>The expenditure made under the scheme of "Environmental Services & Clearance thereof other related Expenditure" is Rs. 1084.64 Lakhs from October 2025 to March 2025.</p>
17.	A separate Environmental Management Cell with qualified personnel shall be created for environmental monitoring and management during construction and operational phases of the project.	<p>DPA is already having Environment Management cell. Further, DPA has also appointed expert agency for providing Environmental Experts from time to time. DPA appointed M/s Precitech Laboratories, Vapi for providing Environmental Experts vide work order dated 4/10/2024. Copy of work order has already been communicated along with last compliance report submitted on 04/12/2025.</p> <p>In addition, it is relevant to submit here that, DPA has appointed a Chief Manager (Environment and Safety) and two Managers (Environment and Safety) on contractual basis for the period of 3 years and further extendable to 2 years. Copy of duty report has already been communicated along with last compliance report submitted on 04/12/2025.</p> <p>DPA has assigned the work of monthly environmental monitoring to GEMI, Gandhinagar for a period of 3 years vide letter dated 18/04/2023. The work is in progress and the latest monitoring report submitted by GEMI is attached herewith as Annexure 2.</p>

18.	Environmental Audit report indicating the changes, if any, with respect to the baseline environmental quality in the coastal and marine environment shall be submitted every year by M/s EBTL to this department as well as to the MoEF, GoI.	Point noted for compliance.
19.	A six monthly report on compliance of the conditions mentioned in this letter shall have to be furnished by M/s EBTL on a regular basis to this Department as well as to the Ministry of Environment and Forest, Government of India.	It is assured that w.r.t. subject project, six monthly report on compliance of the conditions mentioned in this letter will be furnished by DPA on a regular basis to GCZMA as well as to the Regional Office, MoEF&CC, GoI.
20.	Any other condition that may be stipulated by this Department / Ministry of Environment and Forest, Government of India from time to time for Environmental Protection / management purpose shall also have to be complied with by M/s EBTL.	Point noted.

Annexure -1

1) CSR Works sanctioned by DPA for the year 2025-2026

<u>Sr. no</u>	<u>Name of work</u>	<u>Actual cost (Rs in Lakhs)</u>
1.	Proposal to reincarnation of Bhukhi River of Kutch. - Krushi Research Innovation and Development Association, Mumbai (KRIDA)	800
2.	Proposal of CSR Funds for two hostels and community Sanskar Kendra for five year - Seva Sadhna , Bhuj	86.56
3.	Request for providing following instruments:- 1) LCD TV- 01 Nos 2) Printer/Xerox machine – 01 nos 3) Projector – 01 NOS etc. - Shri Balguru Prathmik Shala , Sunderpuri run by Shri Vankar Balguru Vikas Trust	2.50
4.	Request for funds for Tree Plantation at Vadinar Area. - from President of Kishan Morcha , Dist. Devbhoomi Dwarka for Tree Plantation.	15.00
5.	Request for providing financial assistance for Lab setup of Green Hydrogen & Training to Trainers to fulfil the requirement of industry for skilled work force in Green Hydrogen etc.	40.00
6.	Request for funds under CSR for our NGO For seting up Library, BERA Test Machine & Audiometry Machine, School Bus, repairing of roof & electrification etc. for deaf & dumb children. - Mata Lachmi Rotary Charitable Society - Adipur	81.45
7.	Request for AWG machines, RO Plants, Sound Systems etc. - Border Security Force 90Bn, Gandhidham	50.75
8.	Request for setting up of 150LPD atmospheric water generator (AWG) with generators at borders areas and Recarpeting/upgradation of Tennis clay court at 68Bn BSF, aiyanagar, bhuj by converting into Synthetic Tennis Court - Border Security Force 68Bn, Bhuj	50.00
9.	Request for AWG machines for Gujarat Border Areas. - SHQ- Border Security Force - Gandhinagar	70.00
10.	Construction of Community hall etc. at Bhuj - Shree Meghvanshi Gurjar Sang, Bhuj Kutchh.	125.00
11.	Request for Solar Power system and other infrastructure facility, Interactive smart board, Botanical Garden development, etc. – Gandhidham Collegiate Board, Gandhidham.	34.75
12.	Request for Ambulance vehicle and Construction of a Dining Shed at the RanBasera Bhuj - Shree Lok Seva Sarvajainik Trust, Bhuj	34.41
13.	Community Hall and Overhead Water Tank, Pump room etc. - Shri Veera Gram Panchayat, Veera	40.00
14.	Proposal for afforestation and environmental awareness activities in villages - Seed Foundation, Gandhinagar	30.00
15.	Providing Maruti Ertiga car for transportation of mentally retarded children under CSR - Radhey Differently Abled Foundation, Dwarka	10.00
16.	Solar Power System To achieve sustainability and reduce energy costs, the NGO proposes installing a 63.13 KW solar rooftop plant across three main buildings (Boys Hostel, Girls Hostel, and Paramshanti English Medium School) at Bhachau campus. - Shree Navjivan Viklang Sevashrey, Bhachau - Shree Navjivan Viklang Sevashrey, Bhachau	27.41
17.	Request for CSR support for Medical Equipments at Civil Hospital, Ahmedabad. - Office of The Medical Superintendent, Ahemdabad.	100.00
18.	CSR fund for Financial assistance under DPA's CSR funds for raising the level of playing arena of KDTTA Indoor stadium by Kutchh District Table Tennis Association, Gandhidham	75.00

19.	Financial Assistance to construction of building mind power development centre for specially visually impaired children with equipments, furniture cctv, airconditioner, etc. by Shri Navchetan Andhjan Mandal, Madhapar, Bhuj	50.00
20.	District Sainik welfare kalyan boards, Bhuj & Jamnagar	60.00
21.	Development of National Maritime Heritage Complex (NMHC), Lothal	607.66
22.	Jeevan prabhat (gandhidham), & Hari Astro Trust (Adipur), Manav Seva Trust	30.00
23.	Gandhidham Municipal Corporation for Heritage Road development, Junction and other Landmark Development, Library etc	100.00
24.	Maritime India Foundation (MIF)	100.00
25.	Indian Ports Association (IPA)	100.00
26.	Construction of Ramkrishna Seva Mandal Centre at Mundra taluka	25.00
27.	Procurement of kitchen equipment and machinerries to serve Mid-Day meals to government school children in Bhuj by The Akshay Patra Foundation	16.00
	<u>Total Cost</u>	<u>2761.49</u>

Annexure -2

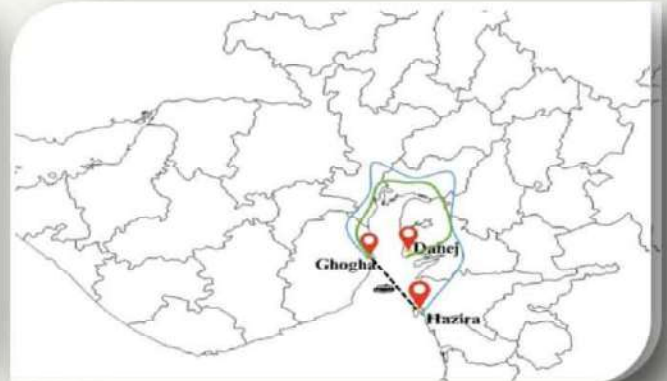


सत्यमेव जयते
Forests & Environment Department
Government of Gujarat

**Monthly Environmental Monitoring Plan Report (EMP report)
For
“Preparing and Monitoring of Environmental Monitoring
and Management Plan for Deendayal Port Authority
at Dahej-Hazira-Ghogha for a period of 3 years”
(13th February to 12th March 26)
Final Report**

**Submitted to:
Deendayal Port Authority (DPA), Kandla**

Report Issue No.: GEMI/835(17)/03/2026



Gujarat Environment Management Institute
(An Autonomous Institute of Government of Gujarat)
ISO 9001:2015, 14001:2015 & 45001:2018 Certified Institute

"We Provide Environmental Solutions"



**Final EMP Report for Dahej-Hazira-Ghogha
for 13th February to 12th March 2026**

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Gujarat Environment Management Institute (GEMI)

(An Autonomous Institute of Government of Gujarat)

(An ISO 9001:2015 & ISO 14001:2015 & ISO 45001 : 2018 Certified Institute)
(QCI-NABET Accredited EIA Consultant Institute Center)

Certificate

This is to certify that the Monthly Environment Monitoring Plan (EMP) report for the period 13th February to 12th March 2026 for the work entitled, “**Preparing and Monitoring of Environmental Monitoring and Management Plan for Deendayal Port Authority at Dahej-Hazira-Ghogha for a period of 3 years**” has been prepared in line with the work order no. **EG/WK/4751/Hazira & Ghogha/285** dated 18/04/2023 allotted by Deendayal Port Authority.

The report has been delivered as per the terms and conditions of the work order Sr. No. 4(3).

S. S. O. & Lab Head
Authorized Signatory

“We Provide Environmental Solutions”



ABOUT THIS DOCUMENT

Gujarat Environment Management Institute (GEMI) has been assigned the project “**Preparing and Monitoring of Environmental Monitoring and Management Plan for Deendayal Port Authority at Dahej-Hazira-Ghogha for a period of 3 years**” (Final EMP report for 13th February to 12th March 2026) by Deendayal Port Authority, Kandla. Under the said project, the report titled “Monthly Environmental Monitoring Plan Report (*Final EMP report for 13th February to 12th March 2026*)” is prepared.

Name of the Report: Monthly Environmental Monitoring Plan (EMP report) for “Preparing and Monitoring of Environmental Monitoring and Management Plan for Deendayal Port Authority at Dahej-Hazira-Ghogha for a period of 3 years”
(*Final EMP report for 13th February to 12th March 2026*)

Version: 1.0

Report Issue No. GEMI/835(17)/03/2026

Report Issue Date: 18/05/2026



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Chapter 1. Introduction



1.1 Introduction

Deendayal Port Authority (DPA), Erstwhile Kandla Port Trust, is one of the 13th major ports in India and is located on the west coast of India, in the Gulf of Kutch at 23001'N and 70013'E in the state of Gujarat in India. DPA has commissioned Ro-Ro/Ro-Pax facilities at Hazira and Ghogha, Gujarat. This waterfront is proposed to be operated for berthing and unberthing of ROPAX Ferry vessels to load and unload vehicles, along with embarking and disembarking passengers. The travel time between Ghogha and Hazira has reduced from 10 hours to 3.15 hours with the start of the Ro-Ro ferry service. The road distance from Surat to Bhavnagar is 360 kilometres. Whereas the sea route distance is 67 nautical miles only. So, Ro-Ro/Ro-Pax vessels are deployed to reduce travel time and thereby reduce carbon emissions. In compliance with the conditions stipulated in statutory clearances, viz. Environmental/CRZ Clearance from the Ministry of Environment & Forest, CRZ recommendations from the state Forest & Environment Department, and NOC from the State Pollution Control Board (SPCB), and to ensure implementation of the project in an environmentally sustainable manner in & around the project site, it is important to monitor the environmental status and prepare an effective environmental monitoring and management plan of the port facility for sustainable development.

In this regard, DPA proposes to formulate a detailed and effective environmental monitoring and management plan by conducting monthly environmental monitoring for its onward submission to the statutory bodies.

Under the said study, monitoring of the various aspects of the environment such as Ambient air, DG stack emissions, meteorology, drinking water, soil, noise, and marine environment- Water, Sediment, & Ecological characteristics for the locations at Hazira, Dahej & Ghogha for 3 years, needs to be carried out.

This report includes the monthly Environmental Monitoring Plan (EMP) report for monitoring carried out for the period of 13th February to 12th March 2026

1.2 Locations for environmental monitoring

Finalized monitoring locations as per the preliminary site visit report are shown in **Table 1** and **Figures 1 to 3**. The monitoring photographs are shown in **Figure 4**.

Table 1: Locations of environmental monitoring components

Locations	Sample code	Latitude	Longitude
Ambient Air Monitoring			
Admin building at Ghogha Ro-Ro ferry	AM-G	21.673483	72.284497
Terminal building at Hazira Ro-Ro ferry	AM-H1	21.077458	72.657147
Staff accommodation at Ro-Ro ferry at Hazira	AM-H2	21.0775717	72.6551994
Admin building at Ro-Ro ferry service at Dahej	AM-D	21.666383	72.561889
Drinking Water Monitoring			
Canteen building at Ghogha Ro-Ro ferry	DW-G	21.677216	72.283060
Terminal building at Hazira Ro-Ro ferry	DW-H	21.077399	72.657189
Canteen building at Ro-Ro ferry service at Dahej	DW-D	21.66435	72.563489
Noise Monitoring			
Admin building at Ghogha Ro-Ro ferry	N-G	21.673481	72.284464
Terminal building at Hazira Ro-Ro ferry	N-H1	21.077458	72.657147
Staff accommodation at Ro-Ro ferry at Hazira	N-H2	21.0775717	72.6551994
Admin building at Ro-Ro Ferry Service at Dahej	N-D	21.666383	72.5561889
Meteorological Data Monitoring			
Admin building at Ghogha Ro-Ro ferry	M-G	21.673483	72.284497
Terminal building at Hazira Ro-Ro ferry	M-H	21.077458	72.657147
Admin building at Ro-Ro Ferry Service at Dahej	M-D	21.666383	72.561889
Soil Quality Monitoring			
Terminal building at Ghogha Ro-Ro ferry	S-G	21.67496	72.284388
Near Terminal building at Hazira Ro-Ro ferry	S-H	21.076353	72.657294
Ro-Ro ferry service at Dahej	S-D	21.666037	72.563489
Marine Water, Ecology and Sediment Monitoring			
Near Ro-Ro ferry terminal at Ghogha	MA-G1	21.67954	72.29433
Away from Ro-Ro ferry terminal at Ghogha and along the ferry route from Ghogha to Hazira	MA-G2	21.665054	72.336313
Near Ro-Ro ferry terminal at Hazira	MA-H1	21.07577	72.65839
Away from Ro-Ro ferry terminal at Hazira and along the ferry route from Hazira to Ghogha	MA-H2	21.072114	72.657794
Near Ro-Ro ferry Service at Dahej	MA-D	21.65988	72.56365
DG stack emission Monitoring			
Near substation-3 at Ghogha Ro-Ro ferry	DG-G	21.6739638	72.2835000
Generator Room near Terminal building at Hazira Ro-Ro ferry	DG-H	21.0775041	72.6563279
Near Substation-1 at Dahej Ro-Ro ferry	DG-D	21.665902	72.562056



**Final EMP Report for Dahej-Hazira-Chogha
for 13th February to 12th March 2026**

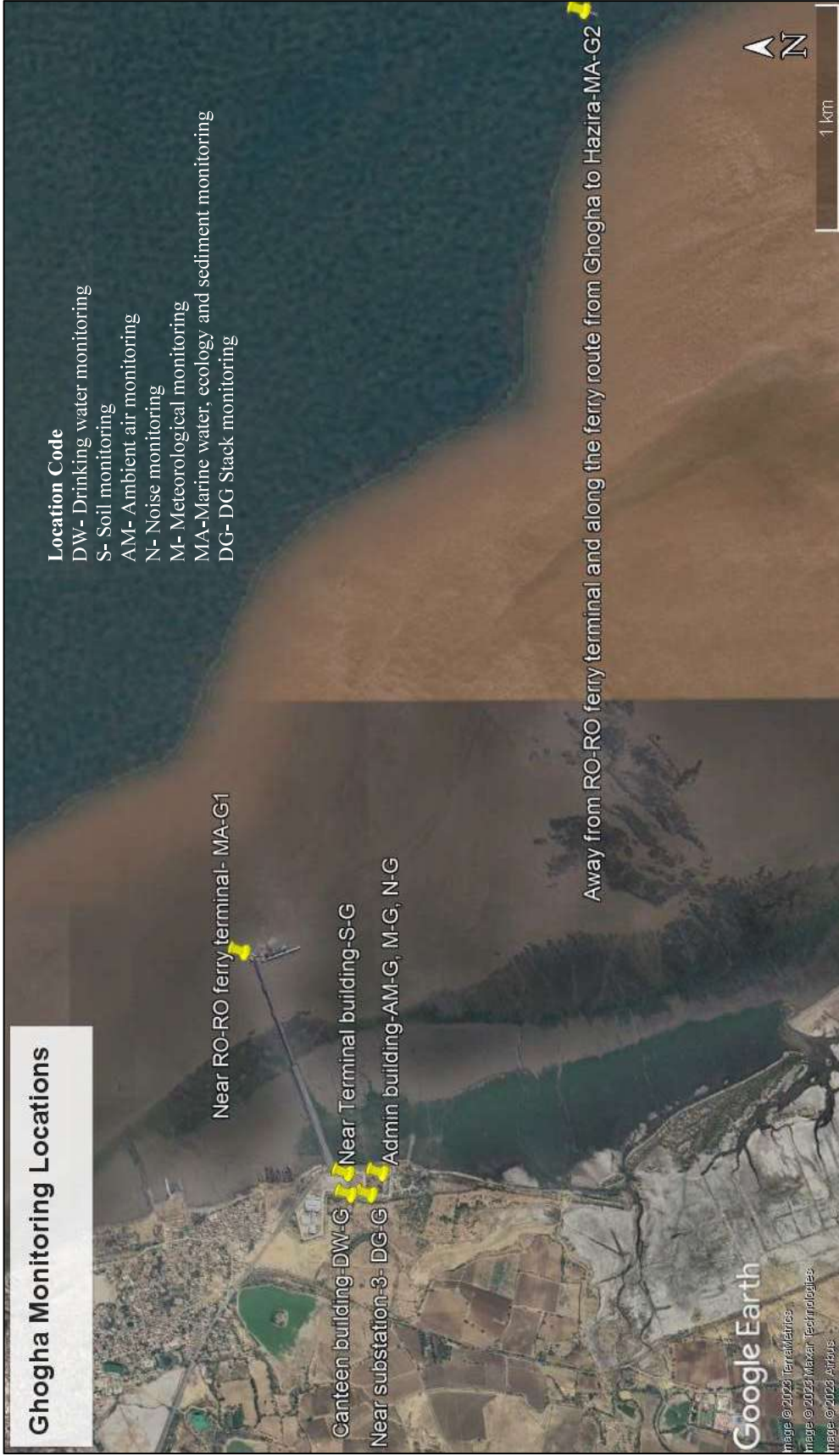


Figure 1: Sampling locations at Ghogha



Figure 2: Sampling locations at Hazira



Figure 3: Sampling locations at Dahej

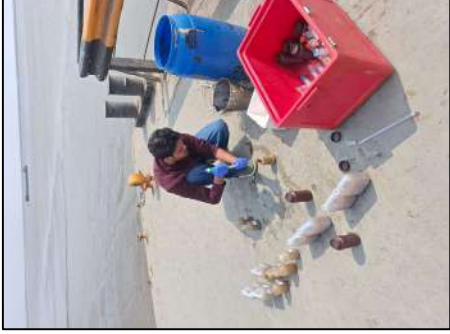


Figure 4: Photographs of environmental monitoring

1.3 Details of environmental monitoring components

A detailed plan of environmental monitoring components and their parameters is shown in **Table 2**.

Table 2: Detailed plan of environmental monitoring components

Sr. No	Parameter	No. of locations	Frequency	Parameters
1.	Ambient air quality monitoring (4 locations)	1 at Ghogha, 2 at Hazira and 1 at Dahej	Twice a week	PM ₁₀ , PM _{2.5} , Sulphur dioxide, Oxides of nitrogen, Carbon monoxide
			Once a month	Hydrocarbons, Benzene, Volatile Organic Compound, Non-methane VOC
2.	Drinking water monitoring (3 locations)	1 at Ghogha, 1 at Hazira and 1 at Dahej	Once a month	Odor, Color, pH, Turbidity, TDS, TSS, Conductivity, Chloride, Calcium as Ca, Magnesium, Total hardness, Sulphate as SO ₄ , Nitrate as NO ₃ , Nitrite as NO ₂ , Fluoride as F, Sodium as Na, Iron as Fe, Potassium as K, Manganese, Total chromium, Hexavalent chromium, Copper, Cadmium, Arsenic, Lead, Zinc, Mercury, Salinity, Free residual chlorine, Microbiological (MPN)
3.	Noise level monitoring (4 locations)	1 at Ghogha, 2 at Hazira and 1 at Dahej	24 hrs. period once a month	Leq (Day) & (Night)
4.	Soil quality monitoring (3 locations)	1 at Ghogha, 1 at Hazira and 1 at Dahej	Once a month	Total Organic Matter, Organic Carbon, Inorganic Phosphate, Texture, pH, Conductivity, Particle size distribution & Silt content, SAR, Water holding capacity, Aluminium, Chromium, Nickel, Copper, Zinc, Cadmium, Lead, Arsenic, Mercury
5.	Meteorological data monitoring (3 locations)	1 at Ghogha, 1 at Hazira and 1 at Dahej	Daily	Wind speed, Wind direction, Rainfall, Humidity, Temperature, Solar radiation
6.	DG emissions (3 locations)	1 at Ghogha, 1 at Hazira and 1 at Dahej	Once a month	Particulate Matter, Sulphur dioxide, Oxides of nitrogen, Carbon monoxide, Carbon dioxide
7.	Marine water quality (5 locations)	2 at Ghogha, 2 at Hazira	Once a month	Odor, Color, pH, Turbidity, TDS, TSS, Conductivity, DO, Particulate organic carbon, COD,

Sr. No	Parameter	No. of locations	Frequency	Parameters
		and 1 at Dahej		BOD, Silica, Phosphate, Sulphate as SO ₄ ⁻ , Nitrate as NO ₃ , Nitrite as NO ₂ , Sodium as Na, Potassium as K, Manganese, Iron as Fe, Total chromium, Hexavalent chromium, Copper, Cadmium, Arsenic, Lead, Zinc, Mercury, Oil & grease, Floating material (scum), Microbiological (MPN), Density
8.	Marine water quality for biological monitoring (5 locations)	2 at Ghogha, 2 at Hazira and 1 at Dahej	Once a month	Chlorophyll-a, Pheophytin, Productivity (Net & Gross), Biomass; Relative abundance, species composition and diversity of phytoplankton; Relative abundance, species composition and diversity of zooplankton; Relative abundance, species composition and diversity of benthic invertebrates; (Meio, Micro and Macro benthos), Particulate oxidizable organic carbon, Secchi disk depth
9.	Sediments quality (5 locations)	2 at Ghogha, 2 at Hazira and 1 at Dahej	Once a month	Texture, Organic Matter, Inorganic Phosphate, Silica, Phosphate, Sulphate, Nitrite, Nitrate, Calcium, Magnesium, Sodium, Potassium, Aluminium, Copper, Chromium, Nickel, Zinc, Cadmium, Lead, Arsenic, Mercury

1.4 Sample collection, preservation, storage and transportation to GEMI's Laboratory

Sampling of water and wastewater samples was carried out by 'GEMI's sampling protocol for water and wastewater' approved by the Government of Gujarat vide letter no. ENV-102013-299-E dated 24-04-2014 under the provisions of the Water (Preservation and control of pollution) Act 1974. Soil sampling was conducted as per the 'Soil sampling manual by GEMI' published in November 2016. Whereas, for the other components of the environment such as ambient air, noise, & marine ecology, the guidelines/manuals brought out by CPCB were followed. The sampling was carried out by GEMI's trained manpower. The details of the environmental samples and their respective standards are summarized in **Table 3**.



Table 3: Details of sample collection and analysis method for each environmental component

Sr. No.	Type of sample	Manual / Standards and Protocols	Instruments	
1.	Ambient air	IS 5182 (Part 23): 2006	Respirable Dust Sampler (RDS) conforming to IS:5182 (Part-23): 2006	
		IS:5182 (Part:24):2019	Fine Particulate Sampler (FPS) conforming to IS:5182 (Part-24): 2019	
		IS:5182 (Part-2):2001	Gaseous attachment conforming to IS:5182 (Part-2):2001	
		IS:5182 (Part-6):2006	Gaseous attachment conforming to IS:5182 (Part-6): 2006	
		GEMI/SOP/AAQM/11; Issue no 01, Issue date 17.01.2019; 2019	Sensor-based Instrument	
		IS 5182 (Part 11): 2006	Benzene	Low flow air sampler conforming to IS:5182 (Part-11): 2006
		IS 5182 (Part 11): 2006	VOC	Low flow air sampler conforming to IS:5182 (Part-11): 2006
2.	DG emissions	Hydrocarbon	Aluminized plastic bags with on/off valve conforming to IS 5182 (Part 17):1979	
		Non-methane VOC	Aluminized plastic bags with on/off valve conforming to IS 5182 (Part 17):1979	
		IS: 11255 and USEPA Method	Sensor based flue gas analyzer (Make: TESTO, Model 350) Stack Monitoring Kit	
3.	Meteorological data	Installation of automatic weather stations to get periodic meteorological data as per the requirement	Automatic Weather Stations (AWS)	



Sr. No.	Type of sample	Manual / Standards and Protocols	Instruments
4.	Water (Drinking water, Surface water)	Sampling protocol for water & wastewater approved by the Government of Gujarat vide letter no. ENV-102013-299-E dated 24-04-2014 under the provision of Water (Preservation and Control of Pollution) Act 1974.	For drinking water- Titration apparatus, pH meter and conductivity meter Sample collection method: Grab sampling For marine water - Niskin sampler
5.	Soil and Marine sediments	Soil sampling manual by GEMI published in November 2016	For sediment sample collection –Van veen grab sampler
6.	Noise	IS 9989:2014	Noise meter
7.	Marine ecology	Technical guidance book – An introduction to aquatic biomonitors using macro-invertebrates, 2021 by CPCB	The sampling of the benthic invertebrates will be carried out with the help of D-frame nets, whereas the sampling of zooplankton and phytoplankton shall be carried out with the help of plankton nets (60 micron and 20 micron).



1.5 Environmental monitoring plan for 13th February to 12th March 2026

The Environmental monitoring was carried out for Ambient air, Soil, Drinking water, Noise, Meteorology, DG stack, and Marine environment – water, sediment and ecology. The detailed environmental monitoring plan for the period of 13th February to 12th March 2026 is given in Table 4.

Table 4: Environmental monitoring plan for Dahej, Hazira, and Ghogha, 13th February to 12th March 2026

Task	Actual Monitoring Dates				
	Project sites				
Monitoring of Drinking water, Soil, Noise, Marine Water, Sediments and ecology	Dahej	Hazira-1	Hazira-2	Ghogha-1	Ghogha-2
Soil monitoring	17-02-2026	17-02-2026	-	20-02-2026	-
Drinking water	17-02-2026	17-02-2026	-	20-02-2026	-
Marine water, sediments and ecology	17-02-2026	17-02-2026	17-02-2026	20-02-2026	20-02-2026
Noise monitoring	19-02-2026	21-02-2026	27-02-2026	26-02-2026	-
Monitoring of DG stack	*	13-02-2026	-	06-03-2026	-
Monitoring of ambient air	*	16-02-2026	16-02-2026	17-02-2026	-
		17-02-2026	17-02-2026	18-02-2026	-
		24-02-2026	24-02-2026	23-02-2026	-
		25-02-2026	25-02-2026	24-02-2026	-
		02-03-2026	02-03-2026	02-03-2026	-
		05-03-2026	05-03-2026	05-03-2026	-
		09-03-2026	09-03-2026	09-03-2026	-
10-03-2026	10-03-2026	10-03-2026	-		
Meteorological monitoring	*	13 th February to 12 th March 2026			
Note: *Monitoring could not be conducted due to the unavailability of electricity at the Dahej site during scheduled monitoring					



Chapter 2. Results and observations of environmental monitoring at Dahej, Hazira & Ghogha



2.0 Monitoring of various environmental components

Monitoring of various environmental components was carried out at the locations listed in **Table 1** above. Details of each component are listed below.

2.1 Ambient air monitoring

Air monitoring was carried out at three locations: 2 at Hazira, and 1 at Ghogha. The monitoring cycle was twice a week for 24-hour sampling. Sampling for benzene, hydrocarbon, non-methane VOC, and VOC was done once a month. **Table 5** shows the results of ambient air monitoring.

Note: Ambient air monitoring at the Dahej site could not be conducted due to the unavailability of electricity for the entire month.



Table 5: Result of ambient air quality monitoring

Sr. No.	Parameters	NAAQ Standards, 2009 (Industrial, Residential, Rural & Other areas) for 24 hours	Location code: (AM-H1)							
			Sampling Date							
			16-02-2026	17-02-2026	24-02-2026	25-02-2026	02-03-2026	05-03-2026	09-03-2026	10-03-2026
1	PM ₁₀ (µg/m ³)	100 (µg/m ³)	288.24	250.06	262.86	188.25	256.88	214.76	221.87	247.87
2	PM _{2.5} (µg/m ³)	60 (µg/m ³)	72.59	53.87	83.44	78.33	58.93	56.86	47.06	52.16
3	SO ₂ (µg/m ³)	80 (µg/m ³)	19.82	15.15	7.98	7.98	7.98	7.98	11.84	26.69
4	NO _x (µg/m ³)	80 (µg/m ³)	17.19	20.13	19.04	9.01	16.01	10.92	15.15	30.08
5	CO (µg/m ³)	2000 (µg/m ³)	470	450	480	470	450	480	440	460

Sr. No.	Parameters	NAAQ Standards, 2009 (Industrial, Residential, Rural & Other areas) for 24 hours	Location code: (AM-H2)							
			Sampling Date							
			16-02-2026	17-02-2026	24-02-2026	25-02-2026	02-03-2026	05-03-2026	09-03-2026	10-03-2026
1	PM ₁₀ (µg/m ³)	100 (µg/m ³)	281.11	248.32	271.14	177.86	260.52	218.09	215.74	240.75
2	PM _{2.5} (µg/m ³)	60 (µg/m ³)	74.12	54.25	81.95	72.27	54.10	59.26	42.88	59.49
3	SO ₂ (µg/m ³)	80 (µg/m ³)	18.89	15.18	18.43	7.46	8.05	8.22	13.17	24.89
4	NO _x (µg/m ³)	80 (µg/m ³)	17.90	22.08	20.75	9.55	17.24	11.24	16.01	28.43
5	CO (µg/m ³)	2000 (µg/m ³)	500	470	470	460	450	470	460	460



Sr. No.	Parameters	NAAQ Standards, 2009 (Industrial, Residential, Rural & Other areas) for 24 hours	Location code: (AM-G)							
			Sampling Date							
			17-02-2026	18-02-2026	23-03-2026	24-02-2026	02-03-2026	05-03-2026	09-03-2026	10-03-2026
1	PM ₁₀ (µg/m ³)	100 (µg/m ³)	301.79	208.08	212.71	215.45	120.93	158.55	213.77	157.94
2	PM _{2.5} (µg/m ³)	60 (µg/m ³)	65.26	58.68	68.13	64.99	42.67	31.89	49.78	32.67
3	SO ₂ (µg/m ³)	80 (µg/m ³)	24.6	14.87	11.32	18.02	10.43	11.90	8.59	7.57
4	NO _x (µg/m ³)	80 (µg/m ³)	12.79	7.83	11.72	11.9	15.4	9.84	8.9	7.72
5	CO (µg/m ³)	2000 (µg/m ³)	550	560	570	540	560	540	550	570

Sr. No.	Parameters	NAAQ Standards, 2009 (Industrial, Residential, Rural & Other Areas) for 24 hours	Location Code: (AM-H1)	Location Code: (AM-H2)	Location Code: (AM-G)
			Sampling Date		
1	Benzene (µg/m ³)	5 (µg/m ³)	24-02-2026	25-02-2026	02-03-2026
2	Hydrocarbons (µg/m ³)	-	<4.0	<4.0	<4.0
3	Non-methane VOC (µg/m ³)	-	<4.0	<4.0	<4.0
4	VOC (µg/m ³)	-	<4.0	<4.0	<4.0

Observations:

- The results of ambient air quality were compared with the National Ambient Air Quality Standards (NAAQS), 2009, specified by the Central Pollution Control Board (CPCB).



- Hazira:
 - The concentration of SO₂, NO_x, CO, Benzene, Hydrocarbons, Non-methane VOC, and VOC were within the standard limit in all the samples.
 - PM_{2.5} exceeded the standard limit of 60 µg/m³ thrice during the monitoring period.
 - PM₁₀ exceeded the standard limit of 100 µg/m³ all samples during the monitoring period.
- Ghogha:
 - The concentration of SO₂, NO_x, CO, Benzene, Hydrocarbons, Non-methane VOC, and VOC were within the standard limit in all the samples.
 - PM₁₀ exceeded the standard limit of 100 µg/m³ in all samples.
 - PM_{2.5} exceeded the standard limit of 60 µg/m³ thrice during the monitoring period.

Note: Ambient air monitoring at the Dahej site could not be possible due to the continuous unavailability of electricity.

Preventive measures:

- The high concentration of PM₁₀ could be attributed to vehicular movement in the port area and surrounding road dust, causing the dispersion of emitted particulate matter in the ambient air. The elevated concentration of PM_{2.5} may be attributed to emissions from surrounding industrial activities.
- Water sprinkling on roads, end-to-end pavement of roads, and tree plantations can considerably reduce dust suspension and its emission during vehicular movement.
- Practice should be initiated by using a mask as a preventative measure to avoid the health risk associated with the inhalation of dust particles by the person working in the port area.

2.2 Drinking water monitoring

Drinking water sampling was carried out once a month at three locations, i.e., one at Dahej, one at Hazira and one at Ghogha. The analysis results were compared with the stipulated standards as per IS 10500:2012 and are mentioned in **Table 6** below.

Table 6: Results of drinking water quality monitoring

Sr. No.	Parameters	Unit	Acceptable limit	Permissible limit	Location Code and Sampling Date		
			Standards IS 10500:2012		DW-D	DW-H	DW-G
					17-02-2026	17-02-2026	20-02-2026
1	pH	-	6.5-8.5	No Relaxation	7.33	6.88	7.81
2	EC	µS/cm	-	-	1008	153.80	319
3	TDS	mg/L	500	2000	552	84	172
4	Chloride	mg/L	250	1000	192.85	22.18	16.39
5	Total Hardness	mg/L	200	600	185	19	115
6	Calcium as Ca	mg/L	75	200	100	5	85
7	Magnesium as Mg	mg/L	30	100	85	14	30
8	Turbidity	NTU	1.00	5.00	2.24	BQL● (QL=0.5)	BQL● (QL=0.5)
9	Fluoride as F	mg/L	1	1.5	0.34	BQL● (QL=0.3)	BQL● (QL=0.3)
10	SO ₄	mg/L	200	400	41.43	BQL● (QL=10)	17.60
11	Na	mg/L	-	-	116.58	21.80	19.58
12	K	mg/L	-	-	10.14	2.42	2
13	NO ₃	mg/L	45	No relaxation	7.58	4.97	5.83
14	NO ₂	mg/L	-	-	BQL● (QL=0.1)	BQL● (QL=0.1)	BQL● (QL=0.1)
15	Odour	TON	Agreeable	Agreeable	1	1	1
16	Hg	mg/L	0.001	No relaxation	BQL● (QL=0.003)	BQL● (QL=0.003)	BQL● (QL=0.003)
17	Salinity	PSU	-	-	0.50	0.08	0.15
18	Free Residual Cl ⁻	mg/L	0.2	1	BQL● (QL=2)	BQL● (QL=2)	BQL● (QL=2)
19	Pb	mg/L	0.01	No relaxation	BQL● (QL=0.002)	BQL● (QL=0.002)	BQL● (QL=0.002)
20	Cd	mg/L	0.003	No relaxation	BQL● (QL=0.002)	BQL● (QL=0.002)	BQL● (QL=0.002)
21	Fe	mg/L	0.3	No relaxation	0.181	BQL● (QL=0.1)	BQL● (QL=0.1)
22	Total Cr	mg/L	0.05	No relaxation	BQL● (QL=0.005)	BQL● (QL=0.005)	BQL● (QL=0.005)
23	Hexavalent Cr	mg/L	-	-	BQL● (QL=0.01)	BQL● (QL=0.01)	BQL● (QL=0.01)



Sr. No.	Parameters	Unit	Acceptable limit	Permissible limit	Location Code and Sampling Date		
			Standards IS 10500:2012		DW-D	DW-H	DW-G
					17-02-2026	17-02-2026	20-02-2026
24	Cu	mg/L	0.05	1.5	BQL● (QL=0.005)	BQL● (QL=0.005)	0.02
25	Zn	mg/L	5.00	15.00	BQL● (QL=0.5)	BQL● (QL=0.5)	BQL● (QL=0.5)
26	As	mg/L	0.01	0.05	BQL● (QL=0.005)	BQL● (QL=0.005)	BQL● (QL=0.005)
27	Color	Hazen	5.00	15.00	1	1	1
28	TSS	mg/L	-	-	2	BQL● (QL=2)	BQL● (QL=2)
29	Microbiological (MPN) (Total Coliforms)	CFU/100 ml	Shall not be detectable in any 100 ml sample		>10,00,000 (QL=10,00,000)	715	BQL● (QL =1)
30	Mn	mg/L	0.1	0.3	BQL● (QL =0.04)	BQL● (QL =0.04)	BQL● (QL =0.04)

BQL – Below Quantification Limit, QL – Quantification Limit

Observations:

- The samples were collected from the respective drinking water sources at the monitored locations. The following were observed from the analysis of drinking water samples.
- At locations, Dahej, Hazira, and Ghogha, the following parameters exceeded the limit.
 - At Dahej, TDS measured 552 mg/L, exceeding the acceptable limit of 500 mg/L but remaining below the permissible limit of 2000 mg/L. Calcium concentration was 100 mg/L, which exceeded the acceptable limit of 75 mg/L but stayed within the permissible limit of 200 mg/L. Magnesium levels observed 85 mg/L, exceeding the acceptable limit of 30 mg/L yet below the permissible limit of 100 mg/L. Turbidity was recorded at 2.24 NTU, exceeding the acceptable limit of 1.0 NTU but within the permissible limit of 5.0 NTU. Total coliform content was detected at >10,00,000 CFU/100 ml (QL=10,00,000). These higher concentrations may be because of a change in drinking water source, where water was supplied from a tanker.
 - At Hazira, total coliform content was measured at 751 CFU/100 ml.
 - At Ghogha, calcium concentration was 85 mg/L, exceeding the acceptable limit of 75 mg/L but remaining below the permissible limit of 200 mg/L. Total coliform content was BQL(QL=1) CFU/100 ml.

Preventive measures:

- Regular cleaning of the water storage tank and a change in source water are required to control microbiological contamination, TDS and magnesium levels at Dahej.

- Maintenance and monitoring of the RO system is required to control microbiological contamination at Hazira.

2.3 Noise level monitoring

Noise monitoring was conducted at all four locations, i.e., 1 at Dahej, 2 at Hazira, and 1 at Ghogha. The monitoring was conducted once a month at all the locations for 24 hours. The results of the noise monitoring are mentioned in **Table 7**. The results were compared with the prescribed limit of noise level as per the noise standards of Environment Protection Rules, 2000, as given in **Table 8**.

Table 7: Results of noise monitoring

Sr. No.	Location Code	Date of Monitoring	Day Time			Night Time		
			Max.	Min.	Leq.	Max.	Min.	Leq.
1	N-D	19-02-2026	64.0	55.6	59.6	49.8	41.9	45.6
2	N-H1	21-02-2026	64.9	53.8	61.5	57.5	47.1	52.5
3	N-H2	27-02-2026	65.2	56.2	62.3	54.9	48.7	52.9
4	N-G	26-02-2026	62	60.3	61.1	45.2	41.9	43.7

Table 8: Ambient air quality norms with respect to noise

Area Code	Type of area	Noise dB(A) Leq	
		Day time	Night time
A	Industrial area	75	70
B	Commercial area	65	55
C	Residential area	55	45
D	Silent zone	50	40

Observations:

- Average Leq noise levels, for Day-time and Night-time at all locations, Dahej, Hazira, and Ghogha, were found below the maximum permissible limits defined for “Industrial area”.

2.4 Soil quality monitoring

Soil quality monitoring was carried out at all three locations, 1 at Dahej, 1 at Hazira, and 1 at Ghogha, once a month. Table 9 shows the analysis results of soil quality.

Table 9: Results of soil quality monitoring

Sr. No.	Parameters		Unit	Location Code & Date of Sampling		
				S-D	S-H	S-G
				17-02-2026	17-02-2026	20-02-2026
1	Organic Carbon		%	0.36	0.13	1.61
2	Total Organic Matter		%	0.63	0.22	2.78
3	Inorganic Phosphate (Av. Phosphorous)		kg/Ha	0.71	0.6	1.4
4	Particle size distribution & silt content	Sand %	-	23.68	49.68	56.24
5		Silt %	-	58.72	26.72	30.72
6		Clay %	-	26.72	23.6	13.04
7	Texture	Type of soil	-	Silt loam	Sandy clay Loam	Sandy Loam
8	pH		-	9.28	9.43	8.14
9	Conductivity		dS/m	0.58	0.69	0.51
10	SAR		meq/L	2.07	2.3	0.86
11	Water Holding Capacity		%	64	58	68
12	Al		mg/kg	16611.54	16189.82	19094.59
13	Cr		mg/kg	108.16	102.44	109.66
14	Ni		mg/kg	41.16	41.69	46.04
15	Cu		mg/kg	71.09	65.9	76.69
16	Zn		mg/kg	69.12	61.21	69.5
17	Cd		mg/kg	BQL (QL=1)	BQL (QL=1)	BQL (QL=1)
18	Pb		mg/kg	5.33	4.5	7.4
19	As		mg/kg	1.59	2.25	4.44
20	Hg		mg/kg	BQL● (QL=0.005)	BQL● (QL=0.005)	BQL● (QL=0.005)

BQL – Below Quantification Limit QL- Quantification Limit

To classify the soil quality, the soil quality standards- “Soil fertility class by Soil Health card 2015” & “Standard limit EU 2002” were adopted and shown in **Table 10** below.

Table 10: Soil quality standard

Soil fertility class by Soil Health Card (SHC 2015)				
Sr. No.	Parameter	Range & Interpretation of Result		
1	pH	Acidic <6.5	Normal 6.5-8.2	Alkaline >8.2
2	Electrical Conductivity (dS/m)	Normal <1	Medium 1-3	Harmful >3
3	Available Phosphorus (kg/Ha)	Low < 28	Medium 28-56	High >56
4	Organic Carbon (%)	Low < 0.5	Medium 0.5-0.75	High > 0.75
5	Zinc (mg/kg)	Low < 0.5	Medium 0.5-1.0	High >1.0
6	Copper (mg/kg)	Low < 0.2	Medium 0.2-0.4	High >0.4

Standard limit EU 2002		
7	Chromium (mg/kg)	150
8	Lead (mg/kg)	300
9	Cadmium (mg/kg)	3.0
10	Nickel (mg/kg)	75

Observations:

- The soil texture was identified as ‘Silt loam’ type at Dahej, ‘Sandy Clay loam’ at Hazira and ‘Sandy Loam’ at Ghogha.
- The pH value in soil was found to be ‘Alkaline’ at Dahej and Hazira and ‘Normal’ category at Ghogha.
- Electrical Conductivity was found to be in the ‘Normal’ category at all three locations.
- Available phosphorus falls under the ‘Low fertility’ quality class at all three locations.
- The Organic carbon content in the soil was found in the ‘Low Fertility’ class at Dahej, Hazira and ‘High fertility’ at Ghogha.
- The values of Zn and Cu were found in the ‘High fertility’ class at all three locations.
- Heavy metals, including Cr, Pb, Cd, and Ni, were detected within permissible limits at all three locations. The overall quality of the soil at all three locations was found to have low essential nutrients, hence less suitable for plant growth.

2.5 Marine Water, Sediment & Ecology Monitoring

Marine water, sediment, and ecology monitoring was carried out at five locations: 1 at Dahej, 2 at Hazira, and 2 at Ghogha. The results and observations are mentioned below.

2.5.1 Marine Water Quality Monitoring

The analysis results of the marine water are presented in **Table 11** below. The results of marine water quality were compared with the water quality criteria for the designated best use of coastal water stipulated by the ‘Environment (Protection) Act, 1986’, shown in **Table 12**.

Table 11: Result of marine water quality monitoring

Sr. No.	Parameters	Unit	Location code & date of sampling				
			MA-D 17-02-2026	MA-H1 17-02-2026	MA-H2 17-02-2026	MA-G1 20-02-2026	MA-G2 20-02-2026
1	EC	µS/cm	42,900	44,700	45,300	43,300	43,400
2	DO	mg/L	7.5	3.5	3.5	6.2	7.1
3	pH	-	7.83	7.62	7.73	7.85	7.95
4	Color	Hazen	1	5	5	5	5
5	Odor	TON	1	1	1	1	1
6	Turbidity	NTU	>500 (QL=500)	>500 (QL=500)	>500 (QL=500)	>500 (QL=500)	>500 (QL=500)
7	TDS	mg/L	31,296	32,704	32,876	32,876	31,326
8	TSS	mg/L	2,744	1,340	1,012	2,440	2,392
9	Particulate Organic Carbon	mg/L	4.51	4.71	2.11	4.72	3.98
10	COD	mg/L	70	67	74	99.5	87.6
11	BOD	mg/L	BQL• (QL=3)	BQL• (QL=3)	BQL• (QL=3)	3.1	BQL• (QL=3)
12	Silica	mg/L	>5 (QL=5)	>5 (QL=5)	>5 (QL=5)	>5 (QL=5)	>5 (QL=5)
13	PO ₄	mg/L	1.394	BQL• (QL=0.5)	BQL• (QL=0.5)	1.564	1.992
14	SO ₄	mg/L	2014.45	2136	2209.5	2159.2	2106.3
15	NO ₃	mg/L	4.736	5.541	4.416	5.225	4.856
16	NO ₂	mg/L	BQL• (QL=0.1)	BQL• (QL=0.1)	0.15	BQL• (QL=0.1)	BQL• (QL=0.1)
17	Na	mg/L	7761	8368	4304	9333	9431
18	K	mg/L	319	352	72	377	370
19	Mn	mg/L	1.13	0.26	0.32	1.08	1.04
20	Fe	mg/L	4	1.22	3	7.22	8.28



**Final EMP Report for Dahej-Hazira-Ghogha
for 13th February to 12th March 2026**

Sr. No.	Parameters	Unit	Location code & date of sampling					
			MA-D	MA-H1	MA-H2	MA-G1	MA-G2	
			17-02-2026	17-02-2026	17-02-2026	20-02-2026	20-02-2026	
21	Total Cr	mg/L	0.01	BQL (QL=0.005)	0.01	0.01	0.02	
22	Hexavalent Cr	mg/L	BQL (QL=0.01)	BQL (QL=0.01)	BQL (QL=0.01)	BQL (QL=0.01)	BQL (QL=0.01)	
23	Cu	mg/L	0.05	0.01	0.02	0.06	0.06	
24	Cd	mg/L	BQL (QL=0.002)	BQL (QL=0.002)	BQL (QL=0.002)	BQL (QL=0.002)	BQL (QL=0.002)	
25	As	mg/L	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	BQL (QL=0.005)	
26	Pb	mg/L	0.01	BQL (QL=0.002)	BQL (QL=0.002)	0.01	0.01	
27	Zn	mg/L	BQL (QL=0.5)	BQL (QL=0.5)	BQL (QL=0.5)	BQL (QL=0.5)	BQL (QL=0.5)	
28	Hg	mg/L	BQL (QL=0.003)	BQL (QL=0.003)	BQL (QL=0.003)	BQL (QL=0.003)	BQL (QL=0.003)	
29	Oil & grease	mg/L	BQL (QL=1)	BQL (QL=1)	BQL (QL=1)	BQL (QL=1)	BQL (QL=1)	
30	Microbiological (MPN) (Total Coliforms)	MPN/100 ml	23	23	23	240	240	
31	Density	kg/m ³	>1000 (QL=1000)	>1000 (QL=1000)	>1000 (QL=1000)	>1000 (QL=1000)	>1000 (QL=1000)	
32	Microbiological (MPN) (Fecal Coliforms)	MPN/100 ml	4	8	8	30	22	
33	Floating material (Scum, Petroleum products)	-	ND	ND	ND	ND	ND	

BQL – Below Quantification Limit, QL- Quantification Limit, ND- Not detected



Table 12: Water quality criteria: Primary water quality criteria for designated best uses for coastal waters [As per “The Environment (Protection) Act, 1986]

Parameters	SW-I	SW-II	SW-III	SW-IV	SW-V
pH	6.5 – 8.5	6.5 – 8.5	6.5 – 8.5	6.0 – 9.0	6.0 – 9.0
Dissolved oxygen (as O ₂), mg/l, min	5 or 60% of saturation value, whichever is higher	4 or 50% of saturation value, whichever is higher	3 or 40% of saturation value, whichever is higher	3 or 40% of saturation value, whichever is higher	3 or 40% of saturation value, whichever is higher
Color & Odour	No noticeable color or offensive odour	No noticeable color or offensive odour	No noticeable color or offensive odour	No noticeable color or offensive odour	None in such concentrations that would impair any usages specifically assigned to this class
Floating matters	No visible, obnoxious floating debris, oil slick, scum	Nothing obnoxious or detrimental for use purpose	No visible, obnoxious floating debris, oil slick, scum	10 mg/l max. (including Oil & grease & scum / petroleum products)	-
Oil & grease, mg/L max. (including petroleum products)	0.1	-	-	-	-
Suspended solids	None from sewage & industrial origin	-	-	-	-
Heavy metals					
• Mercury, mg/L (as Hg)	• 0.001	-	-	-	-
• Lead, mg/L (as Pb)	• 0.001	-	-	-	-
• Cadmium, mg/L (as Cd)	• 0.01	-	-	-	-
Turbidity, NTU max.	-	30	30	-	-



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Parameters	SW-I	SW-II	SW-III	SW-IV	SW-V
Fecal coliforms, MPN/100ml,max	-	100	500	500	500
BOD, mg/L, 3 days at 27°C, max	-	3	-	5	-
Dissolved iron mg/L max (as Fe)	-	-	0.5	-	-
Dissolved manganese, mg/L max (as Mn)	-	-	0.5	-	-
Sludge deposits, solid refuse, floating solids, oil & grease, scum	-	-	-	-	None except for such a small amount that may result from discharge of appropriately treated sewage & or industrial waste

SW-I: Salt pans, shell fishing, mariculture, and ecologically sensitive zone
 SW-II: Bathing, contact water sports, and commercial fishing
 SW-III: Industrial cooling, recreation (non-contact), and aesthetics
 SW-IV: Harbor waters
 SW-V: Navigation and controlled waste disposal

Observations:

Analysis results of the pH, DO, BOD, floating materials, and Fecal coliforms showed the suitability of marine water for Harbour Waters. There were no oil slicks or floating trash at the sampling locations.

2.5.2 Marine sediment quality monitoring

The quality of the marine sediment samples collected from Dahej, Hazira & Ghogha from 13th February to 12th March 26 has been summarized in **Table 13**.

Table 13: Result of Marine Sediment Quality Monitoring

Sr. No	Parameters	Unit	Location code and sampling date				
			MA-D	MA-H1	MA-H2	MA-G1	MA-G2
			17-02-2026	17-02-2026	17-02-2026	20-02-2026	20-02-2026
1	Texture	-	Loam	Sandy Loam	Loam	Sandy Loam	Sandy Loam
2	Organic matter	%	1.97	2.21	2.55	2.15	2.04
3	Inorganic phosphate (Av. phosphorus)	kg/Ha	0.87	1.18	0.96	1.25	1.49
4	Silica	g/kg	488.91	443.04	352.73	392.91	371.69
5	Phosphate (Total phosphorous)	mg/kg	475.93	581.65	565.44	453.92	437.45
6	Sulphate	mg/kg	112.08	146	161.07	156.73	126.21
7	NO ₂	mg/kg	1.17	1.08	1.13	1.05	1.09
8	NO ₃	mg/kg	6.56	7.33	6.85	7.12	6.77
9	Ca	mg/kg	2505	2505	2404.8	3006	2805.6
10	Mg	mg/kg	2855.84	2916.6	2855.84	3767.28	3645.75
11	Na	mg/kg	6296	11062	10858	23370	11783
12	K	mg/kg	1705	3684	3563	7800	5678
13	Al	mg/kg	10959.78	25447.94	23425.6	27500.16	27249.51
14	Cr	mg/kg	82.45	133.76	126	168.81	151.25
15	Ni	mg/kg	32.19	46.33	45.56	47.07	46.4
16	Zn	mg/kg	62.03	74.03	73.72	73	69.97
17	Cd	mg/kg	BQL● (QL=1)	BQL● (QL=1)	BQL● (QL=1)	BQL● (QL=1)	BQL● (QL=1)
18	Pb	mg/kg	6.37	4.24	4.46	3.39	3
19	As	mg/kg	2.29	3.23	3.14	4.28	3.27
20	Hg	mg/kg	BQL● (QL=0.005)	BQL● (QL=0.005)	BQL● (QL=0.005)	BQL● (QL=0.005)	BQL● (QL=0.005)
21	Cu	mg/kg	60.22	75.03	74.62	74.48	72.06

BQL – Below Quantification Limit QL- Quantification Limit

Observations:

The marine sediment quality at Dahej, Hazira, and Ghogha was compared based on the obtained results, and the following were observed.

- Organic matter in sediment consists of carbon and nutrients in the form of carbohydrates, proteins, fats, and nucleic acids. Sediment organic matter is derived from plant and animal detritus, bacteria, or plankton formed in situ or derived from natural and anthropogenic

sources in catchments. Organic matter was found to be 1.97% at Dahej, 2.21 to 2.55% at Hazira and 2.04 to 2.15% at Ghogha.

- Inorganic phosphate was found to be 0.87 kg/Ha at Dahej, 0.96 to 1.18 kg/Ha at Hazira and 1.25 to 1.49 kg/Ha at Ghogha. The capacity of sediment to retain or release phosphorus is one of the important factors that influence the concentration of inorganic/organic phosphorus in the overlying waters (Saravanakumar, Rajkumar, Serebiah, & Thivakaran, 2008).
- The sediment texture was found to be ‘Loam’ at Dahej; ‘Loam to Sandy Loam’ at Hazira; and ‘Sandy Loam’ at Ghogha.
- The concentration of Sulphate was found to be 112.08 mg/kg at Dahej, 146 to 161.07 mg/kg at Hazira and 126.21 to 156.73 mg/kg at Ghogha. The sulphate concentrations in marine sediment can vary naturally based on geological and hydrological factors.
- Nitrite concentration was found to be 1.17 mg/kg at Dahej, 1.08 to 1.13 mg/kg at Hazira, and 1.05 to 1.09 mg/kg at Ghogha.
- Nitrate concentration was found to be 6.56 mg/kg at Dahej, 6.85 to 7.33 mg/kg at Hazira, and 6.77 to 7.12 mg/kg at Ghogha.
- Ca was found to be 2505 mg/kg at Dahej, 2404.8 to 2505 mg/kg at Hazira, and 2805.6 to 3006 mg/kg at Ghogha. The source of Ca accumulation in marine sediment may be because of its naturally occurring element, and its concentration can vary widely from local geological, hydrological conditions and environmental factors. It depends on various factors, including the composition of the underlying rocks and the presence of calcareous organisms like coral reefs.
- Mg was observed to be 2855.84 mg/kg at Dahej, 2855.84 to 2916.6 mg/kg at Hazira and 3645.75 to 3767.28 mg/kg at Ghogha. Magnesium is an essential component of marine sediments and plays a significant role in marine ecosystem dynamics. The concentration of magnesium in marine sediments can depend on various factors, including the composition of the underlying rocks, sediment type, and local hydrological conditions.
- The values for Sodium in marine sediment were found to be 6296 mg/kg at Dahej, 10858 to 11062 mg/kg at Hazira and 11783 to 23370 mg/kg at Ghogha. Sodium concentrations in marine sediments are often correlated with salinity levels. It is an essential component of marine ecosystems.
- The value for Potassium was found to be 1705 mg/kg at Dahej, 3563 to 3684 mg/kg at Hazira, and 5678 to 7800 mg/kg at Ghogha. Potassium is an essential nutrient for plants and the composition of parent materials, sediment types, weathering processes, and local hydrological conditions.

- The Silica in marine sediment was found to be 488.91 g/kg at Dahej, 352.73 to 443.04 g/kg at Hazira and 371.69 to 392.91 g/kg at Ghogha. Its presence in marine sediments can be attributed to both natural geological processes and biological contributions, such as mineral weathering, biogenic silica, aquatic plants, and oceanographic processes.
- The Total phosphorus concentration was found to be 475.93 mg/kg at Dahej, 565.44 to 581.65 mg/kg at Hazira and 437.45 to 453.92 mg/kg at Ghogha. Phosphorus is an essential nutrient for marine ecosystems, playing a crucial role in biological processes. Its presence in marine sediments can have significant implications for nutrient cycling and ecosystem health. It can accumulate on the seafloor due to land runoff, natural weathering, decomposition of organic matter, local geology, etc.
- The sediment quality for the trace metals concentration was compared to the sediment quality guidelines (US Environmental Protection Agency, 1977; Augustynowicz, et al., 2013; Bi, Liu, Guo, & Lu, 2018; Saravanakumar, Rajkumar, Serebiah, & Thivakaran, 2008; Tanmay, Anilava, & Subrata, 2017; Tokatli, 2017; Perin, Bonardi, & Scotto, 1997; Onjefua, et al., 2020; Pazi, 2011), as shown in **Table 14**.

Table 14: Sediment Quality Guidelines (SQG) of the US Environmental Protection Agency (EPA) 1977

Metals	Sediment quality (mg/kg)		
	Not Polluted	Moderately Polluted	Heavily Polluted
As	<3	3-8	>8
Cu	<25	25-50	>50
Cr	<25	25-75	>75
Ni	<20	20-50	>50
Pb	<40	40-60	>60
Zn	<90	90-200	>200
Al	ND	ND	ND
Cd	-	<6	>6

ND- Not detected

- As per the comparison of the metals to this guideline, a variation in the concentration of the metals was found. The Pb and Zn concentrations fell within the ‘Not polluted’ quality class at all three sites. Ni and Cd concentrations were in the ‘Moderately polluted’ quality class at all three sites. Arsenic levels were ‘Not polluted’ at Dahej, and ‘Moderately polluted’ at Hazira and Ghogha sites. The concentrations of Cu and Cr in the ‘Heavily polluted’ quality class across all three. Sediments are highly dynamic, constantly being deposited and carried away by water currents (Labenua, et al., 2023). The possible reasons for the higher concentration of some heavy metals may be attributed to the high sedimentation rate and to various natural and anthropogenic factors.

2.5.3 Marine ecological monitoring

The various parameters monitored for Marine ecological monitoring are mentioned in Tables 15 and 16 as follows:

Table 15: Results of marine ecological monitoring for Biomass, NPP, GPP, Pheophytin, Chlorophyll-a, Secchi depth & Particulate oxidizable organic carbon

Location code	Sampling Date	Biomass	Net Primary Productivity (NPP) mg/L/hr.	Gross Primary Productivity (GPP) mg/L/hr.	Pheophytin mg/m ³	Chlorophyll-a mg/m ³	Secchi Depth meter	Particulate oxidizable organic carbon mg/L
		mg/L						
MA-D	17-02-2026	368	BQL	BQL	BQL	2.200	0.06	4.51
MA-H1	17-02-2026	254	BQL	BQL	BQL	2.038	0.06	4.71
MA-H2	17-02-2026	182	BQL	BQL	BQL	10.878	0.06	2.11
MA-G1	20-02-2026	454	BQL	BQL	BQL	26.276	0.06	4.72
MA-G2	20-02-2026	310	BQL	BQL	BQL	12.924	0.06	3.98

BQL – Below Quantification Limit

Table 16: Results of marine ecological monitoring for Benthic macroinvertebrates, Phytoplankton, and Zooplankton

Location code	Sampling date	Benthic macroinvertebrates (Counts/L)		Phytoplankton (Counts/L)		Zooplankton (Counts/L)	
		Observation	Individual count	Genera	Individual count	Observation	Individual count
MA-D	17-02-2026	-	-	Nil	Nil	Nil	Nil
MA-H1	17-02-2026	-	-	Nil	Nil	Nil	Nil
MA-H2	17-02-2026	-	-	Nil	Nil	Nil	Nil
MA-G1	20-02-2026	Decapoda Larva	2	Nil	Nil	Nil	Nil
MA-G2	20-02-2026	-	-	Nil	Nil	Nil	Nil



Observations and Interpretation:

- The biomass content ranged from 182 mg/L to 454 mg/L. Locations MA-H1 & MA-H2 exhibited lower biomass content, whereas MA-G1 & MA-G2 exhibited somewhat high values of biomass. This might be attributed to better nutrient availability at these locations as compared to other locations. Corresponding to that, only location MA-G1 is found with 2 individuals of Brachyuran larva belonging to Decapoda class.
- The Net Primary Productivity and Gross Primary Productivity are not recorded across the monitoring locations. Hence, it is evident that the monitoring locations are containing inorganic or organic debris with high load of bacteria. Consequently, the monitoring locations have not shown any phytoplankton or zooplankton populations.
- The Secchi depth values found are very low i.e. 0.06 m
- Location MA-G1 shows the highest recorded Chlorophyll-a concentration of 26.276 mg/m³ which is still relatively low in practical terms. This raises concern about the other locations, where Chlorophyll-a levels are even lower. Phaeophytin content is also found below quantification limits. The absence of phytoplankton and zooplankton corresponding with the recorded chlorophyll-a may be associated with non-living or inactive algal matter.



2.6 Meteorological monitoring

To determine the prevailing micro-meteorological conditions at the project site, the Automatic Weather Monitoring Stations (AWS) have been installed at the sites of Hazira and Ghogha at 10 m above the ground.

The summary of hourly meteorological observations recorded at the observatories in Hazira and Ghogha for 13th February to 12th March 26 for the significant parameters is presented in **Table 17**.

Table 17: Results of meteorological monitoring

Sr. No.	Location	Month	Wind direction	Wind speed (m/s)			Rain (mm/hr)	Relative humidity (%)			Temperature (°C)			Solar radiation (W/m ²) (Avg.)
				Mean	Max	Min		Mean	Max	Min	Mean	Max	Min	
1	M-H	February to March 26	North-North-West	10.36	22.30	4.04	0.00	53.38	58.85	47.98	30.96	33.29	28.71	59.24
2	M-G			4.35	14.57	0.82	0.00	48.52	52.11	45.07	27.93	28.85	27.01	76.19
3	M-D	Note: Meteorological monitoring data from the Dahej site could not be collected due to the unavailability of electricity for the entire month.												

Observations:

The monthly average of maximum and minimum daily observed values, summarized in **Table 17** has been discussed as follows.

• Temperature

Hazira: The ambient temperature varied from 28.71-33.29°C, with an average temperature of 30.96°C.

Ghogha: The ambient temperature varied from 27.01-28.85°C, with an average temperature of 27.93°C.

• Relative humidity

Hazira: The Relative Humidity varied from 47.98-58.85%, with an average humidity of 53.38%.

Ghogha: The relative humidity varied from 45.07-52.11%, with an average humidity of 48.52%.

• Rainfall

The average Rainfall was recorded as 0.00 mm/hr. at Hazira, & Ghogha.

• Wind speed

Wind speed and direction play a significant role in transporting pollutants, determining the air quality.

Hazira: The wind speed was recorded in the range of 4.04-22.30 m/s, with an average of 10.36m/s.

Ghogha: The wind speed was recorded in the range of 0.82-14.57 m/s, with an average of 4.35m/s.

• Solar radiation

The average solar radiation at Hazira, and Ghogha was 59.24 and 76.19 W/m², respectively.

• **Wind rose diagram**

The wind-rose diagram has been drawn based on hourly wind speed and direction data. This wind rose reveals that the prevailing winds at Hazira predominantly blow from the North-North-West (NNW) direction at Hazira, while Ghogha blow from the North (N) direction.

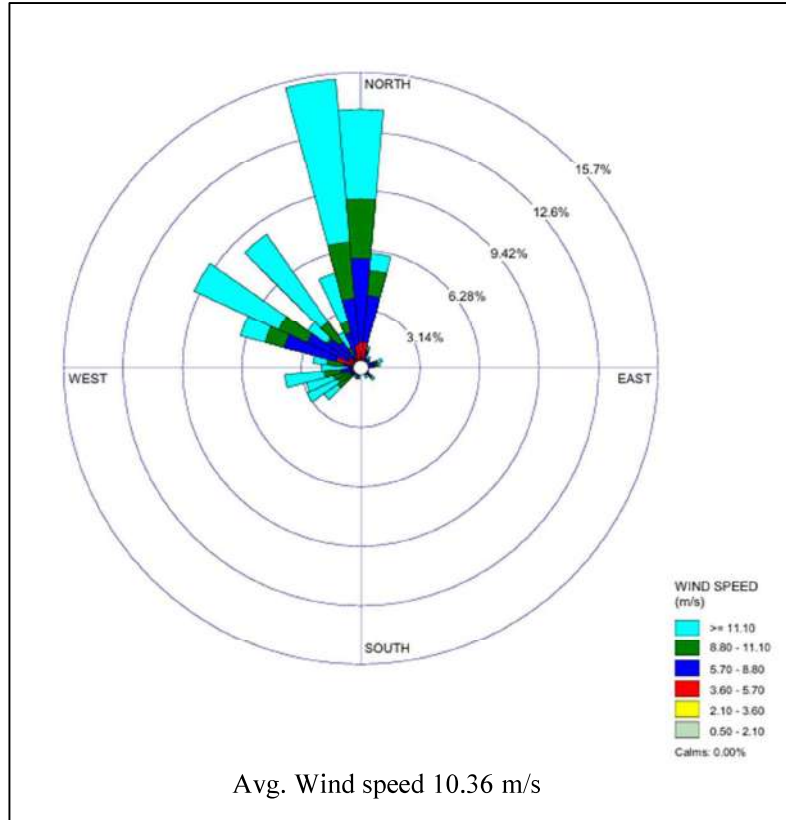


Figure 5: Windrose diagram of Hazira

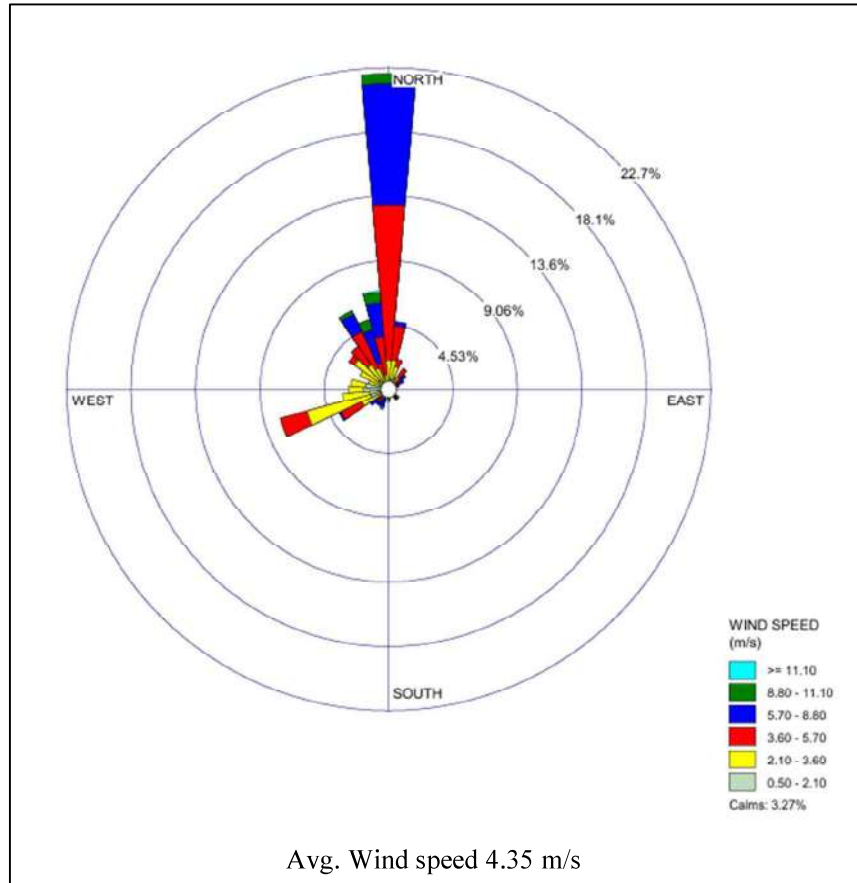


Figure 6: Windrose diagram of Ghogha

2.7 Monitoring of DG stack emissions

DG sets at the Deendayal Port Authority (DPA) are generally utilized as a secondary power source. The sampling and monitoring of the DG stack emissions were carried out at Hazira and Ghogha. The monitoring cycle was once a month. Sampling details of the locations are mentioned in **Table 18**.

Table 18: Result of DG stack emissions

Sr. No.	Parameters	Unit	DG Set standards	Location Code (DG-H)	Location Code (DG-G)
				Sampling Date	
				13-02-2026	06-03-2026
1.	Suspended Particulate Matter (SPM)	mg/Nm ³	150	113	118
2.	SO ₂	PPM	100	N.D.	N.D.
3.	NO _x	PPM	50	41	29
4.	CO	%	-	0.0012	0.0015
5.	CO ₂	%	-	1.23	1.40
Note: DG stack emission monitoring at the Dahej site could not be conducted due to the unavailability of electricity for the entire month.					

N.D. – Not detected

Observations:

The results of DG stack emissions for Hazira and Ghogha are compared with the DG set standards and found to be within the prescribed limit for SPM, SO₂, and NO_x.

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ANNEXURE-I: Meteorological monitoring data



Hazira Meteorological Data

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
13-02-2026	00:00:00	28	26.8	23.1	80.5	77.4	74.3	0	1013.1	275.1	11.3	5	2	0
13-02-2026	01:00:00	29.3	26.3	25.4	88.7	82.8	76.2	0	1012.5	187.3	6.6	0.6	0	0
13-02-2026	02:00:00	28.2	25.8	24.5	96.2	92.5	84.3	0	1012.1	160.9	10	5.4	1.3	0
13-02-2026	03:00:00	28.7	25.6	22.9	98.4	96.1	93.2	0	1011	194.2	6	4	2	0
13-02-2026	04:00:00	26.7	25	23.8	99.1	97.7	95	0	1010.3	226.2	6.6	4	1.5	0
13-02-2026	05:00:00	28.3	24.8	21.3	102.5	98.2	92	0	1010.1	234.1	20	8.1	4.3	0
13-02-2026	06:00:00	28	25.2	19.7	108	101.8	98	0	1010.6	71.2	6.6	6.3	6	0
13-02-2026	07:00:00	27.7	25.1	21.3	107.8	99.6	96	0	1011.6	70.9	36	20.4	4.8	0
13-02-2026	08:00:00	27.1	25	21.9	101.4	98.9	97	0.8	1012.2	67.1	56.6	29.5	2.5	0
13-02-2026	09:00:00	28.2	25.6	24.3	96.8	89.8	83	35	1013.9	76.7	28	14.3	0.6	0
13-02-2026	10:00:00	30.3	27.9	25.8	83.6	75.6	68	80.2	1015	85.6	12	6.7	1.5	0
13-02-2026	11:00:00	32.6	28.7	26.3	74.3	70.1	64.7	151.2	1016.1	137.6	14.6	10.3	6	0
13-02-2026	12:00:00	32.7	29.5	26.3	74.1	71.6	69.1	188	1015.6	148.6	16.6	9.3	3.3	0
13-02-2026	13:00:00	34.1	32.8	28.7	70.9	61.4	55.2	202.8	1015.5	257.5	21.3	8.3	2	0
13-02-2026	14:00:00	36.3	32.9	32.1	58.2	54.9	48.5	193.6	1014.1	281.4	24	11.6	4.6	0
13-02-2026	15:00:00	36	32.9	32.1	61.1	56.8	50.8	156.3	1013.1	283.7	22	10.8	3.3	0
13-02-2026	16:00:00	35.8	33.2	29.8	59.5	53.5	48.6	121.1	1012.4	298	26.6	12.5	4.6	0
13-02-2026	17:00:00	38.3	34.2	33.1	53.1	43	35.7	82.9	1011.9	302.1	23.3	11.6	4	0
13-02-2026	18:00:00	38.4	34.4	32.2	37.2	35.1	31.7	32.5	1011.9	314	24.6	8.7	2	0
13-02-2026	19:00:00	36	32.9	31.4	37.1	35.5	32.6	0.9	1011.5	322.7	17.3	9.2	3.3	0
13-02-2026	20:00:00	35.4	32.3	29.9	36.3	33.3	31.6	0	1011.8	324.3	22	8	2.6	0
13-02-2026	21:00:00	35.4	31.2	27.9	52.5	41.8	32.3	0.1	1012.4	352	12	5.9	2.6	0
13-02-2026	22:00:00	31.4	29.6	26.4	65.8	51.5	43.2	0	1012.2	350.4	18	8.4	3.3	0
13-02-2026	23:00:00	30.1	28.3	27.5	67.8	61.8	54.6	0	1012.4	359	14	8.2	4.6	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
14-02-2026	00:00:00	30.6	28.2	26.4	68.5	61.9	57.5	0	1012.2	354.4	18	8.9	4.6	0
14-02-2026	01:00:00	31	28	25.5	66.4	63.7	59.7	0	1011.5	1.8	15.3	7.8	4	0
14-02-2026	02:00:00	32.1	28	27.1	65.6	62.3	60.1	0	1011	0.9	10.6	6.9	4.6	0
14-02-2026	03:00:00	28.3	27.4	22.8	72.9	66.7	58.7	0	1010.7	352.9	11.3	6.4	2.6	0
14-02-2026	04:00:00	29.6	27.8	25.8	68.3	61.5	55.3	0	1010.7	312.4	20.6	8.2	3.3	0
14-02-2026	05:00:00	28.7	27.2	26.5	75.3	71.6	67.4	0	1010.8	318.8	19.3	7.4	2.6	0
14-02-2026	06:00:00	31	26.9	24.9	76.2	70.1	64.5	0	1010.6	311.1	14	6.2	0.6	0
14-02-2026	07:00:00	27.3	26.5	25.6	76.5	73.9	71.7	0	1011.3	318.4	15.3	6.5	2	0
14-02-2026	08:00:00	27.4	26.2	25.2	78.3	75.2	71.1	1.3	1012.1	291.9	15.3	10.8	6.4	0
14-02-2026	09:00:00	28.2	27	22.8	80.9	78.1	76.1	32.7	1013.1	358.3	19.3	9.7	2	0
14-02-2026	10:00:00	31.4	25.9	20.4	81.3	68.4	55.6	98.3	1014.3	356.1	20.4	11.6	2.8	0
14-02-2026	11:00:00	32	28.4	24.8	84	71	58.1	180.6	1010.1	328.8	14	9	4	0
14-02-2026	12:00:00	34.8	29.9	25	59.9	57.1	54.3	212.5	1011.5	324	15.4	10.7	6	0
14-02-2026	13:00:00	31	28.2	25.4	64.4	56.4	48.5	232.1	1011	322.7	11	7.2	3.4	0
14-02-2026	14:00:00	36.2	31.6	27.1	56.3	47.7	39.1	228.4	1013.1	314.5	8.4	6.2	4	0
14-02-2026	15:00:00	37.7	36.4	33.6	35.3	33.1	31.8	182.8	1013.6	320	39.3	15.7	6	0
14-02-2026	16:00:00	38.7	36	34.1	38.3	34.7	30.8	149.5	1012.7	318.8	35.3	17.7	6	0
14-02-2026	17:00:00	36.2	35.1	33.9	38.3	36	32.7	92.7	1011.9	321	37.3	17.4	6	0
14-02-2026	18:00:00	38.3	34.5	33.3	40.9	35.3	32	34.5	1011.5	322.1	30.6	14.3	5.3	0
14-02-2026	19:00:00	35.4	33.3	32	37.4	35.3	34	0.9	1011.3	322	28	12.5	5.3	0
14-02-2026	20:00:00	34.9	32.8	30.6	41.8	34.9	30.8	0	1011.6	340.5	31.3	13.7	6	0
14-02-2026	21:00:00	35	32.3	30.7	40.9	36.1	33.1	0	1012.1	346.7	34	18.2	7.3	0
14-02-2026	22:00:00	33.1	30.5	28.1	58.4	46.7	35.8	0	1012	353.4	30	14.3	4.6	0
14-02-2026	23:00:00	31.6	28.4	25	60.5	56.1	51.1	0	1011.7	1.6	23.3	9.7	6	0
15-02-2026	00:00:00	31.6	27.7	26.5	65.9	61.5	54.1	0	1011.7	6.2	30	7.8	4	0
15-02-2026	01:00:00	31.4	27.6	25.5	66.9	61.1	56.3	0	1011.7	356.3	16	8.6	4.6	0

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Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
15-02-2026	02:00:00	29.3	27.1	22.7	67.3	62.8	58.8	0	1011.2	2	16	7.6	4	0
15-02-2026	03:00:00	28.3	26.8	26	62.5	60.9	58.3	0.1	1011.1	12	8	5.5	3.3	0
15-02-2026	04:00:00	29.1	27	25	67.8	55.3	40.7	0	1010.8	349.3	22	6.6	1.3	0
15-02-2026	05:00:00	32.4	26.9	24.5	64.3	55.2	43.3	0	1011	352.2	22.6	11	6	0
15-02-2026	06:00:00	28.3	26	23.2	66.7	60.8	55.6	0	1010.9	352.1	28.6	7.7	3.3	0
15-02-2026	07:00:00	27.6	25.6	23.2	69.5	62.7	56.9	0	1011.6	359.6	16.6	8.9	4.6	0
15-02-2026	08:00:00	26.8	24	20.7	75.9	71.2	63.6	1.7	1011.6	7.4	19.3	10.6	4.6	0
15-02-2026	09:00:00	29.7	26.9	20.6	68.3	55	42.8	39.3	1014	335.2	12	7.7	3.5	0
15-02-2026	10:00:00	32.1	29.2	26.4	65.1	54.3	43.5	43.4	1014.1	337.2	12	6.7	1.4	0
15-02-2026	11:00:00	35.1	31.9	29.9	46.3	38.4	33.6	163.9	1017	357.9	13.3	6.7	2.6	0
15-02-2026	12:00:00	36.4	34.3	32.8	31.3	26.1	21.8	217.7	1016.8	352.2	31.3	13.2	3.3	0
15-02-2026	13:00:00	37.1	34.5	32.5	42.2	32.7	23.6	223.8	1015.8	345.3	23.3	9.8	2.6	0
15-02-2026	14:00:00	37.3	35	31.4	39.2	32.9	24.6	232.2	1014.7	344.4	30	11.2	3.3	0
15-02-2026	15:00:00	37.3	35.9	33.5	35	27.9	22.4	207.7	1013.8	344.9	34	10.7	2	0
15-02-2026	16:00:00	40	36.5	32.5	28	21.5	18.2	166.9	1013.1	322.2	28.6	12	1.3	0
15-02-2026	17:00:00	38.1	36.3	34.6	22.7	18.8	16.6	107.5	1012.5	323.4	27.3	12.1	3.3	0
15-02-2026	18:00:00	39.1	34.6	29.8	34.2	24.8	19.9	38.8	1011.8	350.3	22.6	11.9	6	0
15-02-2026	19:00:00	35.6	32.7	30.6	38	26.1	19.7	1.2	1011.2	349.5	24.6	13.9	4	0
15-02-2026	20:00:00	34.4	30.8	28.1	40.2	33.4	24.5	0.1	1011.1	350.6	19.3	11.8	5.3	0
15-02-2026	21:00:00	32.9	31	28.5	42	29.5	24	0.1	1011.7	344.9	18	10.5	4.6	0
15-02-2026	22:00:00	35.6	32	29.3	37.5	26.4	22.9	0.1	1012.1	337.6	20	9.4	3.3	0
15-02-2026	23:00:00	32.6	28.6	26.8	51.9	46.1	32.4	0.1	1011.5	0.2	18	7.6	3.3	0
16-02-2026	00:00:00	28.8	27.3	26	56.5	51.5	47.2	0	1011.2	5.9	16	8.1	4.6	0
16-02-2026	01:00:00	29.1	27.4	26	61.5	53.3	47.9	0	1011	11.2	12.6	6.5	3.3	0
16-02-2026	02:00:00	28.7	26.7	25	62.7	56	45.6	0	1010.3	351	10	3.2	0	0
16-02-2026	03:00:00	26.9	25.3	22.5	76.2	61.3	46.5	0	1009.7	206.4	11.3	5.8	1.3	0

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Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
16-02-2026	04:00:00	26.2	24.6	22.2	77	72.9	68.5	0	1009.1	217.2	11.3	3.6	0.6	0
16-02-2026	05:00:00	28.7	25.1	24	80.9	73.3	68	0	1008.6	265.6	8.6	4.1	1.3	0
16-02-2026	06:00:00	27.1	24.8	23.7	90.9	86.2	78.5	0	1008.9	299.1	12.6	7.8	3.1	0
16-02-2026	07:00:00	26.8	24.4	22.4	91.8	80.9	68	0	1009.6	354.2	22.6	14.3	6	0
16-02-2026	08:00:00	26.3	24	22.5	78.8	74.9	71.3	1.6	1010.1	3	15.3	8.2	4	0
16-02-2026	09:00:00	30	25.9	21.5	78.2	69.5	63.1	42.3	1011.6	6.1	19.3	9.2	4	0
16-02-2026	10:00:00	32.7	28.5	26	64.9	53	38.8	106.5	1013.1	2	26	12.3	6.6	0
16-02-2026	11:00:00	33.6	31.1	28	45	40	36.3	180.7	1014.5	5.7	27.3	11.1	6.6	0
16-02-2026	12:00:00	34.9	32.3	28.9	41.6	37.6	29.4	217	1014.1	4.3	40.6	10.6	6	0
16-02-2026	13:00:00	34.4	33.3	31.2	42.9	38.7	32.7	233.8	1013.1	323.9	26.6	11.7	2.6	0
16-02-2026	14:00:00	35.9	33.6	31.4	45.7	41.4	35.8	231.8	1011.7	303.5	26.6	11.9	4	0
16-02-2026	15:00:00	38.4	34.8	32.7	39.4	33.8	29.7	202.5	1010.7	302.5	32.6	12.8	1.3	0
16-02-2026	16:00:00	35.4	33.5	29.8	39.4	32.9	26.3	151.8	1009.5	307.4	35.3	17	5.3	0
16-02-2026	17:00:00	35.4	34.2	32.5	29.8	25.9	22.1	90.5	1009.2	312.7	34.6	13.8	4	0
16-02-2026	18:00:00	37.3	33.9	30.3	27.3	24.5	21.7	30.3	1008.7	317.2	24	9.9	2.6	0
16-02-2026	19:00:00	34.9	32.4	30.6	40.4	25.2	20.9	0.5	1008	310.6	22.6	7.6	0.6	0
16-02-2026	20:00:00	33.3	29.9	27.6	48.9	39.3	33.7	0.1	1007.9	352	14	6.3	0.6	0
16-02-2026	21:00:00	32.2	29.2	24.8	50	39.8	32.6	0.1	1008.5	349.3	15.3	7.6	2.6	0
16-02-2026	22:00:00	31	28.9	25.4	50.4	41.5	32.7	0.1	1009.2	6	11.3	4.5	1.3	0
16-02-2026	23:00:00	29.4	28.6	26.5	52.7	42.7	36.4	0.1	1009.2	7.5	10.6	5.1	1.3	0
17-02-2026	00:00:00	30	28.2	27.2	57.3	46.8	36	0	1009.5	284.5	14.6	7.1	3.3	0
17-02-2026	01:00:00	31.2	27.3	23.4	70.6	62.9	55.1	0	1009.3	286.5	13.3	4.5	0	0
17-02-2026	02:00:00	29.1	26.9	22.1	70.3	66.6	62.5	0	1008.8	287.4	14	5.8	1.3	0
17-02-2026	03:00:00	30	26.7	24.2	74.7	69	62.5	0	1008	290.9	10.6	4.9	1.3	0
17-02-2026	04:00:00	30	26.2	21.2	81.3	78.1	71.6	0	1007.4	283.7	12.6	5.9	1.3	0
17-02-2026	05:00:00	27.6	25.8	22.2	86.7	82.1	78.3	0	1007.7	300.7	14	5.6	2	0

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Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
17-02-2026	06:00:00	28.7	26.1	25.2	80.8	71.9	66.4	0	1008.5	325.8	20.6	8.2	2	0
17-02-2026	07:00:00	29.1	26.2	21.9	78.3	72.8	67.4	0	1009.2	339.8	34.6	13.6	4	0
17-02-2026	08:00:00	28.1	25.7	24.1	80.3	72.8	59.1	1.9	1010	343.3	42	19.6	7.3	0
17-02-2026	09:00:00	28.3	26.1	24	66	63.2	61.2	30.9	1010.9	343.7	43.3	20.8	7.3	0
17-02-2026	10:00:00	30	27.1	25.6	63.7	55	44.2	81.9	1011.9	346.6	45.3	22.4	8	0
17-02-2026	11:00:00	31.4	30.9	28.9	62.5	46.5	43.8	131.8	1015.9	13.3	16.6	8.5	1.3	0
17-02-2026	12:00:00	32.7	31.9	30.8	46.5	43.1	38.9	159.2	1015.1	15.8	16.6	8.4	4	0
17-02-2026	13:00:00	35.2	33.7	32.3	41.7	37.4	32	179	1014.5	11.5	16	7.5	2.6	0
17-02-2026	14:00:00	36.6	35.6	34.6	43.7	38	33	173.3	1014	324.9	18.6	11.5	4.5	0
17-02-2026	15:00:00	36.5	35.5	34.4	42.8	39.8	34	152.9	1012.8	301.6	10	6.2	2.5	0
17-02-2026	16:00:00	36.7	35.8	35.2	39.5	34.3	28.2	122.3	1012.2	301.9	26	12.4	2.6	0
17-02-2026	17:00:00	36.9	36.1	35.7	32	30.1	24.8	77.2	1011.5	296.3	24	11.8	0.6	0
17-02-2026	18:00:00	37.2	36	35.3	33.4	30.6	25.6	31.6	1011.6	300.2	17.3	10.9	4.5	0
17-02-2026	19:00:00	36	34.4	32.6	36.6	30	25.5	1.1	1010.8	332.1	12	8	4	0
17-02-2026	20:00:00	32.8	31.1	29.5	55.1	45.7	35.8	0	1010.1	3.2	8	4.7	1.5	0
17-02-2026	21:00:00	30.7	29.8	29.3	56	50.7	42.2	0	1010.4	22.3	3.3	5.3	7.3	0
17-02-2026	22:00:00	31.6	30.6	29.4	50.3	42.1	36.4	0	1011.4	290.5	10	9	8	0
17-02-2026	23:00:00	29.6	28	27.3	72	66.2	50	0	1011.2	290.6	14	6.3	0.6	0
18-02-2026	00:00:00	27.6	27.1	26.6	75.7	73.1	70.4	0	1010.9	293.4	17.3	8.4	0.6	0
18-02-2026	01:00:00	26.9	26.5	26.1	77.9	76.1	74.8	0	1010.5	291.7	21.3	12.9	6.6	0
18-02-2026	02:00:00	26.7	26.4	26.1	75.7	72.1	68	0	1009.9	293.3	18.6	11.8	4	0
18-02-2026	03:00:00	26.9	26.4	25.9	71.3	68.1	62.8	0	1009.7	300.3	16	6.9	1.3	0
18-02-2026	04:00:00	27.3	26.9	26.2	63.1	54.6	51.5	0	1009.5	302.3	13.3	8.9	4.5	0
18-02-2026	05:00:00	27.3	26.7	26.3	55.5	54.1	52.4	0	1009.4	303.7	10	6.6	3.2	0
18-02-2026	06:00:00	27.3	26.9	26.5	58.2	55.1	53.1	0	1009.7	313.4	5	4	3	0
18-02-2026	07:00:00	27.2	26.2	25.3	75.1	67.3	57.9	0	1010.2	19.9	12	8	4	0

"We Provide Environmental Solutions"



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
18-02-2026	08:00:00	27	26.1	25.2	74.9	72.8	69.3	0	1011.1	82.6	10.6	8.5	6.4	0
18-02-2026	09:00:00	27	26.5	25.9	75.1	73.3	71.5	26.3	1012.2	141.4	18.6	9.9	2	0
18-02-2026	10:00:00	28.9	27.3	26.3	73	68	62.7	75.3	1013	147.1	25.3	13.7	4	0
18-02-2026	11:00:00	32.1	31.3	28.5	63.5	50.5	47.3	117.2	1016	329.3	24.5	15.7	7	0
18-02-2026	12:00:00	33.1	32.1	30.8	53.1	45.6	42.3	151.9	1015.2	340.2	29.3	12.4	3.3	0
18-02-2026	13:00:00	34.4	33.3	32.7	46.6	41.8	33.8	173.2	1014.2	356.7	34.6	11.2	4	0
18-02-2026	14:00:00	36	33.8	32	41.6	37.4	29.6	176.3	1013.3	321	32.6	14.5	3.3	0
18-02-2026	15:00:00	36.3	35.8	35.1	36.8	31.5	29.1	153	1012.7	351.3	31.3	13.8	4	0
18-02-2026	16:00:00	37.3	36.5	35.2	33.4	28.5	25.1	111.9	1011.6	340.4	34.6	15.5	2.6	0
18-02-2026	17:00:00	37.1	36.4	35.5	33.2	26.4	23.9	71.4	1011.1	345.5	38.6	18.5	7.3	0
18-02-2026	18:00:00	36.3	34.7	33.5	38.8	33.6	25.7	27	1010.6	351.5	30.6	14.9	6.6	0
18-02-2026	19:00:00	34.5	33.2	32.1	44.7	37.7	31	0.4	1010.1	349.4	27.3	12.5	4.6	0
18-02-2026	20:00:00	34.4	32.2	30.4	50.9	40.5	30.6	0	1010.2	352.7	22.6	8.6	2	0
18-02-2026	21:00:00	31.4	30.7	29.8	52.7	44.8	40.7	0	1010.5	354.6	11.3	5.9	1.3	0
18-02-2026	22:00:00	31.2	30.5	29.7	47	43.2	40.6	0	1010.8	356.8	10.6	5.8	2	0
18-02-2026	23:00:00	30.6	29.9	29.4	48.6	44.8	41.5	0	1010.9	0.6	10.6	5.4	1.3	0
19-02-2026	00:00:00	30.3	29.8	29.4	44.3	42.3	40.9	0	1010.8	349.7	8.6	4.3	0.6	0
19-02-2026	01:00:00	30.7	29.3	27.7	56	44.1	37.5	0	1010.3	301.2	10	7	4	0
19-02-2026	02:00:00	28.1	27.3	26.7	68.7	64.1	55.7	0	1009.7	294	8.4	6.2	4	0
19-02-2026	03:00:00	27	26.4	25.9	73.6	71.1	68.4	0	1008.8	300.5	8.6	5	1.3	0
19-02-2026	04:00:00	27.3	26.5	25.6	73.8	63.9	57.9	0	1008.5	308.6	8.6	6.9	5.3	0
19-02-2026	05:00:00	27.3	26.3	25.6	68.2	62.3	55.6	0	1008.3	319.4	12	8	4	0
19-02-2026	06:00:00	27.3	26.8	26.1	67.7	61.9	56.9	0	1008.5	4.8	20	10.7	1.5	0
19-02-2026	07:00:00	26.6	25.6	25.2	69.8	68.1	65.9	0	1009.1	20	12	5	0.6	0
19-02-2026	08:00:00	27.1	25.9	25.2	69.5	65.6	61.8	0.1	1010	12.4	8.6	4	0.6	0
19-02-2026	09:00:00	30.4	28.8	26.9	62.6	55.6	51.1	26.6	1012.4	48.4	8	5	2	0

"We Provide Environmental Solutions"



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
19-02-2026	10:00:00	30.4	29.5	28.9	63.6	57.8	49.9	69.6	1014.2	39.2	12	8.1	4.3	0
19-02-2026	11:00:00	31.7	30.6	29.4	52	48.1	44.4	122.9	1014.3	357.8	22.6	10.4	4.6	0
19-02-2026	12:00:00	33.3	32.3	31.4	46.1	41.1	36.3	156.5	1013.9	5.3	19.3	9.6	4.6	0
19-02-2026	13:00:00	35.4	34.1	33.1	39.9	35.9	31.3	175	1013.1	357.5	21.3	10.2	2.6	0
19-02-2026	14:00:00	36.4	34.9	33.6	43.3	38.2	30.9	170.3	1012	306.3	9.7	6.2	2.8	0
19-02-2026	15:00:00	38.1	36.4	34.4	41.3	35.5	30.8	145.4	1011.3	302.1	18.6	13.3	8	0
19-02-2026	16:00:00	37.5	35.9	35.2	37.8	34.2	30.4	112.1	1010.2	299.8	13.4	7.6	1.8	0
19-02-2026	17:00:00	36.4	35.7	35	34.2	32.4	30.6	74.9	1009.7	299.2	24	10.8	2	0
19-02-2026	18:00:00	36.8	35.9	33.9	36	28.6	25.4	26.7	1009.8	338.5	19.3	7.9	1.3	0
19-02-2026	19:00:00	34.3	32.5	31.2	48.9	42.1	35.3	0	1008.9	347.9	9.3	5.4	1.5	0
19-02-2026	20:00:00	31.4	30.6	30.2	49.6	48.1	47.2	0	1008.7	257.3	6.6	5.7	4.8	0
19-02-2026	21:00:00	31	30.2	29.6	53.2	47	38.7	0	1009.3	254.6	5.3	3.9	2.5	0
19-02-2026	22:00:00	30.8	29.4	28.1	65.7	53.6	41.6	0	1009.7	267.2	19.3	11.6	4	0
19-02-2026	23:00:00	28.5	27.8	27.4	72	69.2	65	0	1009.8	287.5	20.6	7.3	1.3	0
20-02-2026	00:00:00	27.7	27.3	26.9	77.1	75	71.9	0	1009.5	295.3	18	11.4	4.8	0
20-02-2026	01:00:00	27.5	27.2	26.8	73.5	71.6	68.7	0	1009.2	296.6	19.3	8.9	2	0
20-02-2026	02:00:00	27.6	27.2	26.8	69	67.4	63.9	0	1008.6	295.9	13.3	10.6	8	0
20-02-2026	03:00:00	27.5	26.8	26.3	70	67.3	63.5	0	1008.1	294.9	13.3	6.6	0.6	0
20-02-2026	04:00:00	26.8	26.4	26	67.3	66.1	64.9	0	1007.8	293.8	14	8.1	2	0
20-02-2026	05:00:00	26.9	26.3	25.8	68.2	64.1	61.1	0	1007.8	301.2	15.3	6.3	0.6	0
20-02-2026	06:00:00	26.9	26.5	26	71.7	62.5	61.2	0	1008.2	300.7	14	9.1	4.3	0
20-02-2026	07:00:00	26.8	25.7	25.2	79.7	77.1	71.5	0	1009.2	39.9	13.6	9.3	5	0
20-02-2026	08:00:00	26.3	25.5	24.9	82.1	78.9	73.3	0.2	1010.3	52.4	12	8	4.1	0
20-02-2026	09:00:00	27.9	27.1	26	73.6	66.7	61.8	26.4	1012.3	57.5	10.2	6.1	2	0
20-02-2026	10:00:00	29.7	28.6	27.3	64.2	56.7	42.5	69.8	1014.4	43	18	13	8	0
20-02-2026	11:00:00	29.6	29	28.7	45.2	40.3	37.5	129.8	1015.1	10.7	18.6	10.5	2.6	0

"We Provide Environmental Solutions"



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
20-02-2026	12:00:00	30.4	29.4	28.7	43.6	38.7	34.8	156.7	1014.8	3.9	20.6	10.5	6	0
20-02-2026	13:00:00	35.1	33.7	30	37.8	33	29.1	183.1	1014.5	358.9	23.3	11.5	5.3	0
20-02-2026	14:00:00	35.3	34.6	34.2	36	29.8	25.1	186	1013.4	358.1	21.3	9.2	2	0
20-02-2026	15:00:00	35	34.6	34.1	31	25.9	23	150	1012.7	4.8	16	6.6	0.6	0
20-02-2026	16:00:00	34.6	33.7	32.3	28	26.6	24	119	1011.7	313.8	18.3	12.8	7.3	0
20-02-2026	17:00:00	32.8	32.2	31.6	27.5	25.1	21.7	72.6	1010.9	307.5	31.3	14	2.6	0
20-02-2026	18:00:00	32.1	31.4	30.7	24.4	22.9	21.5	24	1010.6	311.5	26	11.1	2.6	0
20-02-2026	19:00:00	34.6	33	30.6	41.9	26.6	23.6	1.1	1011.1	329.3	16.6	10.3	4	0
20-02-2026	20:00:00	32.3	31.2	30.4	48.4	38.8	28.2	0	1010.8	352.4	12	5.6	1.3	0
20-02-2026	21:00:00	31.8	29.9	29	54.5	46.4	30.2	0	1010.9	2.3	10.6	8.3	6	0
20-02-2026	22:00:00	30.2	29.7	29	49.3	40.6	34.4	0	1011	353.1	14.6	7	2.6	0
20-02-2026	23:00:00	29.9	28.8	27.6	61.2	50.4	43.1	0	1011.1	354.9	10.6	5.6	1.3	0
21-02-2026	00:00:00	29.6	28.8	27.8	54.5	42.1	38.2	0	1011.3	352.2	11.3	6.7	0.6	0
21-02-2026	01:00:00	30.2	29.3	27.8	43.9	38.5	34.9	0	1011.2	323.9	14	9.1	4.3	0
21-02-2026	02:00:00	29.6	28.4	27.9	48.7	42.8	38.3	0	1011	327.9	11.3	8.1	5	0
21-02-2026	03:00:00	28.2	26.5	25.1	68.5	60.2	48.6	0	1010.4	9.9	10.6	9.3	8	0
21-02-2026	04:00:00	26.1	25.6	25.2	66	63.6	60.2	0	1009.8	11.9	8	6.1	4.2	0
21-02-2026	05:00:00	25.6	25.1	24.5	75.9	68.4	59.9	0	1009.8	11.6	8	5.2	2.5	0
21-02-2026	06:00:00	25.4	24.9	24.4	75.4	69.6	63.4	0	1009.9	11.9	10	4.1	0.6	0
21-02-2026	07:00:00	25.4	24.9	24.4	75.3	69.5	65.4	0	1010.8	351.9	17.3	7.3	1.3	0
21-02-2026	08:00:00	25.5	24.4	23.4	72.4	66.8	61.6	0.4	1011.9	10.3	14	7.6	2	0
21-02-2026	09:00:00	27.7	26.2	24.8	63.8	59.7	56.7	28.4	1014	13	13.3	6.9	3.3	0
21-02-2026	10:00:00	31.9	29.3	27.3	58.4	52.6	42.7	73.5	1015.9	24	14	6.4	1.3	0
21-02-2026	11:00:00	32.9	32.3	31.6	45.7	41.7	38.1	120	1016.7	352.9	22.6	10.8	4.6	0
21-02-2026	12:00:00	34.2	33.8	32.5	44.5	33.9	30.7	162.8	1016.6	12.5	27.3	14.5	6.6	0
21-02-2026	13:00:00	35.2	34.3	33.7	37.8	33	29.8	173.5	1015.8	0.4	34.6	16.2	8.6	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
21-02-2026	14:00:00	35.6	34.9	34.4	35.6	30.3	25.7	174.8	1014.6	358	33.3	16.3	8.6	0
21-02-2026	15:00:00	36	35.6	35.2	34	28.8	23	153.8	1013.8	4.3	30.6	15.2	8	0
21-02-2026	16:00:00	36.3	35.8	35.2	34.2	30.1	25.7	115.5	1013	4.6	30	14.1	6.6	0
21-02-2026	17:00:00	36.6	35.9	35.2	36	32.1	26.2	65.1	1012.6	344.6	27.3	12	3.3	0
21-02-2026	18:00:00	36.2	35.5	34.8	34	32.1	29.8	21.4	1012.5	339.8	28	12.2	3.3	0
21-02-2026	19:00:00	35.1	34.2	33.1	35	32.7	31.1	0.3	1012.5	344	25.3	14.1	5.3	0
21-02-2026	20:00:00	33.7	31.3	29.2	60.5	48.6	33	0	1012.3	357.3	23.3	8	2.6	0
21-02-2026	21:00:00	30.1	29.6	28.9	55.6	51.9	47.1	0	1012.3	8.7	12.6	6.3	2.6	0
21-02-2026	22:00:00	29.9	28.9	28.1	59.7	53.6	45	0	1012.4	6.8	11.3	5.8	2	0
21-02-2026	23:00:00	29.7	29.3	28.9	54	47.6	42.3	0	1012.7	10.6	13.3	6.7	2.6	0
22-02-2026	00:00:00	29.7	28.9	28.3	49.5	46.3	42.1	0	1012.3	3.7	11.3	5.7	0.6	0
22-02-2026	01:00:00	29.1	28.5	27.8	50.9	46	42.2	0	1011.8	5.9	14	7.3	2.6	0
22-02-2026	02:00:00	28.7	28.2	27.6	51.4	46.5	40.6	0	1011.4	3.2	13.3	6.8	1.3	0
22-02-2026	03:00:00	28.8	28	27.3	50.8	43.1	38.4	0	1010.8	350.6	18	10.3	2.6	0
22-02-2026	04:00:00	28.1	27.6	27.2	52.4	47.1	41.2	0	1010.5	2.7	13.3	6.4	0.6	0
22-02-2026	05:00:00	27.7	27.3	26.9	52.4	47.5	43.2	0	1010	6.8	10	5.4	1.3	0
22-02-2026	06:00:00	27.4	26.5	25.6	60.7	54.6	46	0	1010.1	80.1	8.6	7.9	7.3	0
22-02-2026	07:00:00	26	25.3	24.4	58.9	54	49.9	0	1010.6	45.4	12.6	8.3	4	0
22-02-2026	08:00:00	26	25.3	24.6	60.5	54.6	47.7	1	1011.5	13	12	8.5	5	0
22-02-2026	09:00:00	29.5	27.1	25.6	57.4	49.6	37.6	25.7	1013.4	353.1	13.3	6.5	1.3	0
22-02-2026	10:00:00	32.3	30.7	29.2	40.7	37.7	35.3	70.2	1015.4	352.4	14.6	7.8	2	0
22-02-2026	11:00:00	34.8	33.5	32	37.5	32.1	24.3	119.4	1016.5	15	22.6	8.9	2	0
22-02-2026	12:00:00	35.7	34.9	34.4	30	25.7	21.5	153.2	1016.2	18.5	29.3	13.7	6.6	0
22-02-2026	13:00:00	37.1	36.2	35.2	32.5	25.9	20.2	172.7	1015.9	359.7	27.3	10.5	4	0
22-02-2026	14:00:00	37.9	37.1	36.1	29.8	24.7	20.2	172.1	1014.8	343.7	38.6	12.8	4	0
22-02-2026	15:00:00	38.1	37.3	36.6	27.9	25.5	24	149.4	1014.1	318.6	36	16.8	6	0

"We Provide Environmental Solutions"



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
22-02-2026	16:00:00	37.1	36.3	35.7	26.8	25.1	23	117.7	1013.1	318.5	43.3	20.6	7.3	0
22-02-2026	17:00:00	36.6	35.6	35	27.1	25.3	23.7	72.7	1012.6	320	45.3	22.3	9.3	0
22-02-2026	18:00:00	35.6	35.2	34.6	27.1	25.7	24	28	1012.7	321.9	42	19.3	7.3	0
22-02-2026	19:00:00	35	34.3	33.7	28.2	27.3	26	0.7	1012.5	321.6	37.3	15.2	5.3	0
22-02-2026	20:00:00	34.4	33.8	33.4	30.6	28.9	27.6	0	1012.8	328.7	34	14.8	5.3	0
22-02-2026	21:00:00	34	33	32.1	37.3	33.1	30.2	0	1013.3	346.1	34	18.5	8.6	0
22-02-2026	22:00:00	32.5	30.4	28.8	53.1	46.5	35.6	0	1013.4	355.5	27.3	11.3	4.6	0
22-02-2026	23:00:00	29.3	28.7	27.8	59.5	52.2	47.9	0	1013	357.6	18.6	8.8	4	0
23-02-2026	00:00:00	33.1	29.2	26.1	62.9	53.7	48.7	0	1006.9	295.2	20.6	10.2	4	0
23-02-2026	01:00:00	32.1	29.1	28	59.5	51.3	46.9	0	1006.7	297.1	22	8.9	3.3	0
23-02-2026	02:00:00	30.8	28.2	23.5	71.7	64.5	59.1	0	1006.4	296.3	18.6	7.5	3.3	0
23-02-2026	03:00:00	29.9	27.6	24.8	80.6	71.1	64.4	0	1006.1	321.6	11.3	4.5	2	0
23-02-2026	04:00:00	32.3	28.3	26.7	68.2	56	45.3	0	1005.8	340.6	12	5.9	2	0
23-02-2026	05:00:00	30.1	27.6	26	69.5	59.8	44.9	0	1005.9	274	10	7.4	4.8	0
23-02-2026	06:00:00	29	26.9	24.3	69.1	66	62.7	0	1006.1	300	9.3	5.6	2	0
23-02-2026	07:00:00	29.7	26.8	25.4	70.4	64.7	60.3	0	1006.6	304.5	10	5.7	2	0
23-02-2026	08:00:00	30.8	27.2	24.6	70.7	68.4	65.4	2.5	1007.4	329	9.3	7.5	5.7	0
23-02-2026	09:00:00	32.7	29.4	27.7	65.5	55.6	49.3	34.5	1009.2	347.6	22.6	6.9	1.3	0
23-02-2026	10:00:00	33.4	30.6	27.5	66.5	59.8	54.6	102.3	1010.6	1.2	13.3	7.4	4.6	0
23-02-2026	11:00:00	35.4	32.9	30.5	57.3	51.7	43.3	161.8	1011.7	2.7	15.3	8.4	4	0
23-02-2026	12:00:00	38.1	35	32.3	48.9	38.6	31.8	195.7	1011.3	355.2	18.6	9.9	5.3	0
23-02-2026	13:00:00	38.5	36	34.1	44.7	36.3	28.4	199.7	1010.4	107.8	18	5.6	0.6	0
23-02-2026	14:00:00	41.2	38.9	34.9	29.6	26.8	22.7	222.2	1010.2	131.2	17.3	12.6	8	0
23-02-2026	15:00:00	42.2	39.9	36.7	38	26.9	19.5	199.9	1009.6	241.8	15.3	10.1	5	0
23-02-2026	16:00:00	37.8	36	34.2	40.3	38	34.3	150.7	1007.8	295.1	30	14.7	5.3	0
23-02-2026	17:00:00	36.5	35.2	31.9	40.8	35.5	30.2	97.2	1007.2	303.1	30.6	14.4	5.3	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
23-02-2026	18:00:00	37.9	35.6	33.7	35.1	31.7	29.6	39.4	1007.3	321.1	26.6	12.1	4	0
23-02-2026	19:00:00	35.4	33.6	30.8	39.4	36	32.4	1.6	1006.9	320.6	45.3	11.1	4.6	0
23-02-2026	20:00:00	34.8	32.1	30.8	44.2	40.4	34.3	0	1006.9	323.1	24	10.8	2.6	0
23-02-2026	21:00:00	34.2	31.9	29.2	42.8	40.8	38.9	0	1007.5	321	20.6	6.4	1.3	0
23-02-2026	22:00:00	34.4	32.1	30.3	52.1	42.1	36.6	0	1007.8	349.5	26.6	11.7	2	0
23-02-2026	23:00:00	32.9	30.5	26.8	59.5	53	46.1	0	1007.9	354.1	19.3	10.6	5.3	0
24-02-2026	00:00:00	33.9	30.6	29.4	53.7	47.3	43.4	0	1007.9	350.6	21.3	14	7.3	0
24-02-2026	01:00:00	32.3	30	27.6	50.9	47.5	44.5	0	1007.3	354.4	19.3	10.4	5.3	0
24-02-2026	02:00:00	32.5	30.5	27.1	49	41.9	37.8	0	1007.2	338.4	17.3	8.2	2	0
24-02-2026	03:00:00	32.1	28.8	26.5	59.9	53.9	44.6	0	1006.3	301.6	10.6	6.2	2.6	0
24-02-2026	04:00:00	29.9	28.6	25.9	68.2	56	49.5	0	1006.1	335.8	10	4.8	0	0
24-02-2026	05:00:00	29.9	27.7	23.7	72.2	67.2	59.3	0	1006.1	356.2	10.6	5.4	2.6	0
24-02-2026	06:00:00	29.5	26.7	23.8	79.1	75.5	70.9	0	1006.2	26.4	14.6	5.2	0.6	0
24-02-2026	07:00:00	28.7	25.9	24	80.1	75	68	0	1006.8	167.3	15.3	8.9	2.5	0
24-02-2026	08:00:00	28.9	26.1	23.3	82.3	77.2	71.1	3.5	1007.8	295.9	6.6	5.3	4	0
24-02-2026	09:00:00	31.6	28.5	26.2	73.4	69.1	64.3	38.2	1009.8	64.7	12.6	9.2	5.8	0
24-02-2026	10:00:00	32.7	29.5	27.3	73.1	67.2	62.6	91	1011.1	74.5	12	9.5	7	0
24-02-2026	11:00:00	34.2	31.4	28.7	64.4	62.4	59.6	166.2	1012.5	104.1	8	4.7	1.3	0
24-02-2026	12:00:00	39.1	33.6	31.8	60.2	48.9	35.6	204	1012.6	114.9	10.6	4.8	1.3	0
24-02-2026	13:00:00	36.5	35	32.5	43.7	40.5	37.7	238.4	1011.5	126.5	18.6	5.7	2	0
24-02-2026	14:00:00	42.1	36.7	31.6	43.2	32.1	24.3	239.7	1010.4	184.4	24.6	8.6	2	0
24-02-2026	15:00:00	39	37.8	33.7	33.1	27.7	20.6	212.7	1010	256.8	22.6	10.7	4	0
24-02-2026	16:00:00	40.8	38	33.9	27.5	24	20.6	162.1	1009.6	260.1	22.6	10.1	4	0
24-02-2026	17:00:00	38.8	36.7	33.8	28.7	26.6	23.7	102.5	1009	274.7	21.3	10.8	4	0
24-02-2026	18:00:00	38.4	35.4	34.4	32.9	30.2	26.6	42.5	1008.4	289.2	21.3	10.7	3.3	0
24-02-2026	19:00:00	36.6	33.1	30.1	43	37.4	31.6	2.5	1007.8	295.1	20	11.3	5.3	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
24-02-2026	20:00:00	33.9	31.2	29.6	50.8	43	35.9	0	1007.8	300.5	17.3	6.8	0	0
24-02-2026	21:00:00	29.6	29.4	29.3	53.1	53	52.9	0.4	1008.3	295.9	6.6	5.6	1.3	0
24-02-2026	22:00:00	30.3	29.4	27.5	58.1	55.3	52	0	1008.9	295.3	17.3	7.6	3.3	0
24-02-2026	23:00:00	30.8	28.6	26.3	64.5	61.7	57.3	0.1	1008.9	312.2	15.3	5	2	0
25-02-2026	00:00:00	30	27.9	25.2	75.4	71.4	63.9	0	1009.3	0.1	12.6	4.7	1.3	0
25-02-2026	01:00:00	27	26.5	25.9	75	73.5	72.3	0	1009.1	238.2	7.3	4.1	2	0
25-02-2026	02:00:00	29.1	26.5	22.3	86.2	78	70.7	0	1008.5	235.4	10	4.8	1.3	0
25-02-2026	03:00:00	28.9	26.7	24.2	89.7	86.6	80.5	0	1008	245.8	16	6.2	0.6	0
25-02-2026	04:00:00	31	27.3	24.6	86.7	75.2	65.7	0	1007.9	290.1	10.6	5	1.3	0
25-02-2026	05:00:00	29.4	27.6	25.4	70.4	67.7	63.2	0	1007.9	277.6	12.6	8.3	4	0
25-02-2026	06:00:00	28.7	26.7	23.4	76.9	71.7	66.9	0	1008	254.7	8	5.7	3.5	0
25-02-2026	07:00:00	30.1	27.5	25.7	69.3	64.7	60.5	0	1009	305.6	6.6	4.5	2.5	0
25-02-2026	08:00:00	29.3	27.2	22.1	89.6	77.7	68	1.7	1010.1	97.5	17.3	9.6	2	0
25-02-2026	09:00:00	30	27.2	26.2	91.5	88.9	80.9	35.8	1011.4	132.1	118	6.9	2.6	0
25-02-2026	10:00:00	33.3	29.9	27.9	86.4	73.9	57.8	96.1	1013.2	196.1	16.6	7.4	2	0
25-02-2026	11:00:00	34.4	32.6	30	60.2	57.2	54.4	152.8	1014.5	227.6	16	6.4	1.3	0
25-02-2026	12:00:00	34.4	33.2	30.6	59.9	55	48.2	198.4	1014	240.9	58.6	7.9	0.6	0
25-02-2026	13:00:00	34.1	32.2	30.4	58.4	52.8	47.3	225.4	1014.1	248.3	24.8	15.5	6.3	0
25-02-2026	14:00:00	36	34	31.1	52.9	47.7	44.5	240.1	1012.2	274.7	46	11.2	4	0
25-02-2026	15:00:00	36.4	34.5	32.8	48.3	41.1	33.6	213.9	1011.1	268.3	26	12.7	4.6	0
25-02-2026	16:00:00	39.8	35.2	32.1	42.4	39.4	36	163.7	1010.6	263.2	26	11.3	2.6	0
25-02-2026	17:00:00	37.7	34.7	33.3	54.7	48	38.4	105.1	1010.3	249.2	24	11	4	0
25-02-2026	18:00:00	36.4	32.9	30	64	59.1	53.3	42.7	1010	242.2	21.3	9.9	4	0
25-02-2026	19:00:00	34.4	30.9	26.4	82.7	70.8	63.1	3.9	1009.7	236.5	26.6	10.2	4	0
25-02-2026	20:00:00	30.6	28.7	23.7	89.1	85.3	80.3	0	1009.6	237.2	28	11.3	4.6	0
25-02-2026	21:00:00	28.7	28	26.7	89.6	87.6	85.1	0	1010.2	247	22.6	10.1	4.6	0

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Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
25-02-2026	22:00:00	31.3	27.8	25.9	90.7	87.5	85.9	0	1011	250.5	20.6	9.8	4	0
25-02-2026	23:00:00	29.4	27.6	23.8	90.5	87.3	84.7	0	1010.9	255.9	22	10.6	2.6	0
26-02-2026	00:00:00	29.8	27.5	23.6	90.7	88.9	86	0.1	1010.8	259.2	25.3	12.3	4.6	0
26-02-2026	01:00:00	29.5	27.1	24.8	88.9	84.4	80.7	0	1011	261.7	17.3	11	4.8	0
26-02-2026	02:00:00	29.2	26.9	24.7	81.3	78.6	75.9	0	1010.6	201.2	15.3	8.6	2	0
26-02-2026	03:00:00	29.1	26.6	24.4	81.7	78.2	71.3	0	1009.8	231.9	11.3	6.4	1.5	0
26-02-2026	04:00:00	29.4	26.3	23.6	83.6	81.3	78.2	0	1009.3	259.3	7.3	4.3	1.3	0
26-02-2026	05:00:00	28.3	25.1	24.4	86	84.9	80	0	1008.6	246.8	7.3	6.1	5	0
26-02-2026	06:00:00	28.7	25.2	21.3	85	82	76.8	0	1008.7	306.9	3.3	3.7	4.2	0
26-02-2026	07:00:00	27.1	25.4	23.9	86	80	75.7	0	1009.3	287.6	24.6	14.8	5	0
26-02-2026	08:00:00	29.4	26	24.1	86.8	82.6	74.5	4.6	1010.7	342.9	2.6	4.3	6	0
26-02-2026	09:00:00	30.6	29.3	28.3	79.6	74.3	70.4	48.4	1013.3	93.6	12.6	8.9	5.3	0
26-02-2026	10:00:00	30.6	28.6	26.3	80.3	76.8	69.8	113.3	1013.9	139.2	14	8.7	4	0
26-02-2026	11:00:00	32.7	30	26.9	72.7	66.6	56.7	171.3	1014.3	164.3	18.6	7.6	0.6	0
26-02-2026	12:00:00	33.7	31.2	27.7	60.2	57.1	54.9	228.8	1013.9	236.9	40.6	12	3.3	0
26-02-2026	13:00:00	32.1	30.6	28.1	65.1	60.2	53.9	250.8	1012.5	250.1	32	13.1	4.6	0
26-02-2026	14:00:00	34.1	30.2	27	63.3	61.1	58	251.6	1011	250.1	35.3	15.2	5.3	0
26-02-2026	15:00:00	32.7	30.5	28.9	62.9	58.6	54.5	226.7	1010.1	259.3	32	15.2	6	0
26-02-2026	16:00:00	32.5	31.3	28	57.9	55.4	52.7	178.9	1009.4	247.1	32.6	15.2	6	0
26-02-2026	17:00:00	33.3	31.3	29.6	57.1	50.9	41.6	116	1008.8	244	34.6	15.5	6.6	0
26-02-2026	18:00:00	34.1	31.1	27.9	50.9	46.3	41.4	51.7	1008.5	249.2	26.6	12.9	4	0
26-02-2026	19:00:00	30.8	29	26.7	61	54.5	49.1	4.9	1008	245.8	27.3	10.2	4.6	0
26-02-2026	20:00:00	31	27.3	26.4	67.6	62.9	58.7	0	1008.1	241.3	28.6	11.1	4.6	0
26-02-2026	21:00:00	30.3	27	24.2	75.1	69.6	67	0.1	1008.3	236.9	33.3	13.1	6	0
26-02-2026	22:00:00	29.3	26.8	25.5	76.2	72.6	69.7	0	1009.1	231.9	32	14.4	6	0
26-02-2026	23:00:00	30.2	26.7	25.6	74.7	73.2	70.8	0	1009.3	233.6	41.3	14.5	6.6	0

"We Provide Environmental Solutions"



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
27-02-2026	00:00:00	29	26.6	24.9	75.6	72.2	64.7	0	1009	238	32	12.8	4.6	0
27-02-2026	01:00:00	27.6	26.4	25.1	75.9	73.2	68.2	0	1008.4	242.9	33.3	13.1	6	0
27-02-2026	02:00:00	29.5	26.3	24.3	77.4	75.4	73.1	0	1008.1	245.3	32.6	12.5	5.3	0
27-02-2026	03:00:00	28.1	26.2	25.2	79.3	76.7	74.5	0	1007.7	249.2	27.3	12	4.6	0
27-02-2026	04:00:00	27.3	26	23.7	77.6	76.5	74	0	1007.6	252.2	25.3	10.9	4.6	0
27-02-2026	05:00:00	28.9	25.9	23.5	79.3	76.9	73.9	0	1007.6	253.1	22.6	10.7	5.3	0
27-02-2026	06:00:00	28.6	25.8	22.9	78	76.5	72.5	0	1007.9	260.2	23.3	10.9	4	0
27-02-2026	07:00:00	29.2	25.6	23.9	79.4	77.4	72.9	0	1008.5	279.6	19.3	7.2	1.3	0
27-02-2026	08:00:00	27.3	25.9	23.7	82.7	78.4	74.7	4.4	1009.6	286	15.3	6.8	2.6	0
27-02-2026	09:00:00	29.5	27.9	24.2	75	70.5	66.1	49.1	1011.8	287.3	19.3	8	2.6	0
27-02-2026	10:00:00	30.4	29.1	26.8	68.8	64	59.5	116.4	1012.9	275	21.3	7.6	1.3	0
27-02-2026	11:00:00	32.1	30.9	26.3	61.3	56	53.7	202.6	1013.7	244.5	22	6.9	2	0
27-02-2026	12:00:00	35.4	30.9	27	57.1	53.7	49.6	234.9	1013.1	275.4	21.3	7.5	0.6	0
27-02-2026	13:00:00	36.1	31.4	29	53.3	50.2	45.2	255.9	1011.8	238.7	24.6	8.8	0.6	0
27-02-2026	14:00:00	33.2	31.5	29	51.6	49.8	47.7	254.6	1010.4	225.6	26.6	9.2	2.6	0
27-02-2026	15:00:00	33.2	31.8	29.9	54.5	48.6	44.6	228.5	1009.5	203.4	28.6	9.4	1.3	0
27-02-2026	16:00:00	36.5	31.4	28.7	57.8	53	47.6	179	1008.5	186.9	32.6	13.9	5.3	0
27-02-2026	17:00:00	36.1	31.5	29.4	55.2	51.3	48.3	114.5	1007.8	214.2	37.3	17.4	6	0
27-02-2026	18:00:00	34.1	30.9	26.6	56.7	53	47.1	49.4	1007.6	228.5	38	15.7	6.6	0
27-02-2026	19:00:00	31.6	28.9	23.4	66.7	58.7	53.5	3.5	1006.8	240.8	28.6	12.7	5.3	0
27-02-2026	20:00:00	29.4	27.5	23	69.3	67.1	61.9	0	1006.8	230.4	24.6	9.9	3.3	0
27-02-2026	21:00:00	31.2	27.3	25.8	72.8	69.5	67.1	0	1007.4	229.5	24.6	11.5	5.3	0
27-02-2026	22:00:00	29.1	27.1	23.8	75.3	72.2	68.4	0.1	1007.9	226.8	22	10.2	4	0
27-02-2026	23:00:00	29.9	27	22.2	77.7	74.4	72.9	0	1008.1	226.2	24.6	11.6	5.3	0
28-02-2026	00:00:00	28.8	26.9	24.5	78.1	74.8	72.9	0	1007.5	231.3	23.3	10.4	4	0
28-02-2026	01:00:00	29.4	26.9	23.8	77.8	74.9	72.6	0	1007.2	236.2	30	11.2	4	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
28-02-2026	02:00:00	30.4	26.9	24.4	75.4	72.8	70.4	0	1007	243.6	30	11.9	4.6	0
28-02-2026	03:00:00	29.5	26.9	21.9	78.3	74.9	67.5	0	1006.6	250	27.3	12.8	5.3	0
28-02-2026	04:00:00	29.2	26.7	23.1	83.8	80.1	74.3	0	1006.2	254.7	29.3	13.9	6	0
28-02-2026	05:00:00	28.4	26.5	24.2	80.3	78.1	75.4	0	1006.2	266	27.3	12.4	4.6	0
28-02-2026	06:00:00	28.2	26.1	23.8	81.6	79.5	75.9	0	1006.2	286.8	23.3	8.7	2.6	0
28-02-2026	07:00:00	28.7	25.6	22.2	81.2	77.7	74	0	1006.8	285.2	13.3	4.9	0.6	0
28-02-2026	08:00:00	29.6	26.1	23.4	75.9	70.4	63.3	4.9	1008.2	290.2	12	4.6	2	0
28-02-2026	09:00:00	28.7	28.3	27.7	59.1	57.4	56.1	78.3	1011.1	290.7	15.3	7.7	1.3	0
28-02-2026	10:00:00	30.8	29	26.9	57.9	52.3	46.5	111	1011.6	301.4	26	11.2	2.6	0
28-02-2026	11:00:00	33.1	30.6	27.7	49.8	45.8	41.8	172.6	1012.2	335.9	24.6	9.5	2	0
28-02-2026	12:00:00	34.6	31.4	28.1	47	44.1	39.8	221	1011.9	316.3	32.6	9.5	2.6	0
28-02-2026	13:00:00	35.9	31.8	29.9	45.1	41.6	38.2	245.7	1010.4	299.3	35.3	15.6	6	0
28-02-2026	14:00:00	34.4	32.3	30.6	42.2	38.8	31.4	243.9	1009.2	299.8	36.6	17.3	6.6	0
28-02-2026	15:00:00	35.5	33.2	31.4	37.4	32.6	29.2	219.3	1008.7	300.6	40	17.2	7.3	0
28-02-2026	16:00:00	35.3	33.6	31.5	33.4	30	27.9	174.1	1008.6	300.9	35.3	16.3	6	0
28-02-2026	17:00:00	36.9	34.1	32.3	32.5	29.8	27	110.8	1008.4	285.6	26	11.9	4.6	0
28-02-2026	18:00:00	36.2	33.7	32.5	34.7	30.6	27.1	45.9	1008.2	277.1	22	9.3	2.6	0
28-02-2026	19:00:00	32.9	30.1	27.5	61.4	50.6	33.5	3	1007.2	259.9	27.3	13.4	3.3	0
28-02-2026	20:00:00	33.3	28.5	26.3	61.8	58.9	55.1	0.1	1007.2	260.1	23.3	11.5	4.6	0
28-02-2026	21:00:00	30.7	28.2	26.2	69.2	61.1	56.4	0	1007.8	259.1	30	14	6.6	0
28-02-2026	22:00:00	30.9	27.5	24.8	78.7	74.1	67.7	0	1008.2	265.5	32	14.9	6.6	0
28-02-2026	23:00:00	28.8	27.2	23.9	85	81.4	76.1	0	1008.3	265.4	28.6	14.4	4.6	0
01-03-2026	00:00:00	30	27	22.5	88	85	79.1	0	1008.7	266	31.3	12.7	5.3	0
01-03-2026	01:00:00	29.3	27.2	24.9	79.8	76.3	74.1	0	1008.1	263.5	26	12.5	5.3	0
01-03-2026	02:00:00	29.5	27.1	26.3	78.8	75.5	69.1	0	1007.8	278	22.6	10.3	4	0
01-03-2026	03:00:00	27.9	26.7	23.5	81.5	79.9	77.3	0	1007.1	286.7	21.3	8.9	3.3	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
01-03-2026	04:00:00	29.5	26.4	21.7	81.6	80.3	78.7	0	1006.8	286.2	18.6	8.4	3.3	0
01-03-2026	05:00:00	27.7	26	24.2	86.5	83.4	81.1	0.1	1006.5	290.6	15.3	6.6	2	0
01-03-2026	06:00:00	28.5	25.6	23.4	85.2	83.3	79.9	0	1006.8	296.1	16	6.7	1.3	0
01-03-2026	07:00:00	26.7	25.5	21.4	93.4	88.2	81.7	0	1007.5	58.5	15.3	3.9	0.6	0
01-03-2026	08:00:00	29.3	25.1	23.5	96	93.2	90.4	5.2	1008.7	69.2	12	3.7	0	0
01-03-2026	09:00:00	28.1	26.4	23.2	91.6	87.5	80.9	48.9	1010.9	49.4	14	3.8	0	0
01-03-2026	10:00:00	31.2	28.9	25.1	82.6	76.7	66.7	107.2	1012.5	78.3	11.3	3.9	1.3	0
01-03-2026	11:00:00	32	29.1	27.3	77.9	73	69.1	170.5	1012.8	125.9	17.3	10.5	4.6	0
01-03-2026	12:00:00	32.4	30.2	28.1	72.2	68.4	63.9	215.7	1012.3	149.8	22.6	12.5	5.3	0
01-03-2026	13:00:00	35.3	31.9	30.6	66.2	60.7	56.9	223.2	1011.9	234.4	27.3	10.7	3.3	0
01-03-2026	14:00:00	32.5	31.2	29.2	66.8	63.6	57.6	222.8	1010.5	272.1	27.3	12.5	4	0
01-03-2026	15:00:00	36.7	31.8	28.1	63.8	60.3	55.6	205.4	1009.7	283.8	30	13.1	4.6	0
01-03-2026	16:00:00	33.7	32.5	29.9	59.1	50.5	44.2	160	1009	275.4	29.3	13.4	6	0
01-03-2026	17:00:00	35.1	32.9	29.8	46.8	43.2	38.2	103.4	1008.5	292	28	13	4	0
01-03-2026	18:00:00	33.9	32.7	31.3	44.3	40.9	37.1	46.2	1008.2	290.7	23.3	11.8	4	0
01-03-2026	19:00:00	34.1	30.8	29.2	53.1	47.5	42.6	3.8	1007.7	294.6	22.6	11.1	4	0
01-03-2026	20:00:00	34.6	29.5	27	52.7	47	43.6	0	1007.6	295.7	18	9	4	0
01-03-2026	21:00:00	33.5	29.3	26.2	51.5	44.8	42.5	0	1008.3	294	18.6	10.9	5.3	0
01-03-2026	22:00:00	32.1	28.4	26.8	62.8	55.8	47.5	0.1	1008.9	293.9	20	10.2	4.6	0
01-03-2026	23:00:00	32.1	27.8	22.5	88.8	77.7	62.4	0	1009.4	277	22.6	10.8	4.6	0
02-03-2026	00:00:00	31.2	26.9	25	93.1	91	85.6	0	1009.5	256.9	19.3	9.3	4	0
02-03-2026	01:00:00	29.5	26.5	23.3	94.3	92.4	91	0	1009.3	262	14.6	6.2	2.6	0
02-03-2026	02:00:00	28.3	26.1	23.6	95.6	92.1	90.3	0	1008.7	257.4	10	5.1	2	0
02-03-2026	03:00:00	27.6	25.7	21.9	93.4	91.6	90.3	0.1	1008.2	242.2	10	4.8	1.3	0
02-03-2026	04:00:00	27.4	25.2	23	96.7	94.5	92	0	1007.8	209.3	6.6	3.3	0.6	0
02-03-2026	05:00:00	28.4	25.4	20.2	97.4	95.3	90	0	1007.9	197.2	6.6	3.8	0.6	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
02-03-2026	06:00:00	30.8	25.8	24.7	99.2	95.7	92.3	0	1008.3	133.5	10.6	6.5	2.5	0
02-03-2026	07:00:00	30.1	26	24.2	100.8	98.3	96.7	0	1009	91.6	11.3	5.4	1.3	0
02-03-2026	08:00:00	30.4	25.7	21.5	101.2	99.1	96	4.4	1010.3	78.3	10.6	4.3	0.6	0
02-03-2026	09:00:00	31.2	26.6	23.2	97	94.6	91.1	44.8	1012	106.9	11.3	5.3	1.3	0
02-03-2026	10:00:00	31.1	28.7	27.4	92	89.4	85	94.8	1014	114.2	10.6	4.8	1.3	0
02-03-2026	11:00:00	32.3	30.3	28.7	86	80.7	77.3	173	1014.9	145.8	16	10	0	0
02-03-2026	12:00:00	34.8	31.3	29.4	81.8	75.3	64.2	204.7	1014.5	190.8	21.3	6.4	2.6	0
02-03-2026	13:00:00	33.1	32.2	27.3	67.6	62.6	52.9	232.8	1013.7	260.7	26.6	13	3.3	0
02-03-2026	14:00:00	34.8	32.9	29	61.9	54.2	46.1	227.5	1012.7	279.2	31.3	14.3	4.6	0
02-03-2026	15:00:00	37.1	33.8	30	47.8	42.5	35.5	204.3	1011.9	293.7	31.3	16.2	2.6	0
02-03-2026	16:00:00	35.8	34.4	32.4	43.4	40.8	38.6	158.2	1011	297.4	33.3	15.7	4.6	0
02-03-2026	17:00:00	36.8	35.4	32.5	40.8	37.3	34.9	100.8	1010.6	296.9	27.3	11.5	2.6	0
02-03-2026	18:00:00	38.5	35.8	34.7	39.8	37.2	34.2	42.7	1010.6	346.9	16.6	6.3	1.3	0
02-03-2026	19:00:00	36.2	34	31.4	42.9	36.7	34.5	2.8	1010.3	322.6	8	2.6	0	0
02-03-2026	20:00:00	34.6	31.9	29.5	57.5	43.9	37.1	0	1010	323.7	10	3.8	0.6	0
02-03-2026	21:00:00	32.9	29.9	28.5	62.2	55.4	48.4	0.1	1010.3	351	10.6	4.3	0.6	0
02-03-2026	22:00:00	32	29.7	27.8	53.1	47	41	0.1	1010.9	358.4	4	3	2	0
02-03-2026	23:00:00	31.6	29.8	25.8	48.9	44.6	41.5	0.1	1011.4	269.1	8.6	6	3.5	0
03-03-2026	00:00:00	32.9	28.7	24.9	78	65	48.4	0	1011.2	293.7	19.3	7.1	2	0
03-03-2026	01:00:00	30.6	27.9	24.4	83.5	80.1	76.5	0	1011.1	294.7	19.3	8.6	3.3	0
03-03-2026	02:00:00	30.9	27.3	25	90.6	85.6	83.1	0	1010.5	286.3	7.3	4.6	2	0
03-03-2026	03:00:00	28.7	26.5	22.3	95.8	90.9	85.3	0	1009.8	252.7	10	4.2	0.6	0
03-03-2026	04:00:00	29.1	26.6	23.2	97.2	94.3	90	0	1009.2	274.6	9.3	7.1	5	0
03-03-2026	05:00:00	27.8	26.2	23.5	99.1	95.8	94.2	0	1009.1	270.1	8	5.6	3.2	0
03-03-2026	06:00:00	27.5	26.2	23.1	98.3	96.1	94.7	0	1009.8	343.9	8	3.7	0.6	0
03-03-2026	07:00:00	28.4	26.3	21.1	101.6	98.1	95.3	0	1010	21.2	10.6	7.8	5	0

"We Provide Environmental Solutions"



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
03-03-2026	08:00:00	27.6	26	21.1	106	99.1	95.1	4.5	1010.9	3.8	13.3	6	2	0
03-03-2026	09:00:00	30.5	27.4	24.3	95.8	88.1	79.8	44.7	1012.7	11.7	18	9.6	5.3	0
03-03-2026	10:00:00	32.1	30	28.3	80.2	72.8	65.3	104.3	1014.3	4.8	16.6	9.3	4.6	0
03-03-2026	11:00:00	36.1	34.4	29.6	65.7	43.2	42.7	189.9	1016	5.4	16	13.1	2	0
03-03-2026	12:00:00	36.8	35.2	31.2	44.7	40.9	34.3	209.4	1015.2	358.1	18.6	9.8	4.6	0
03-03-2026	13:00:00	37.7	36	31.8	49.9	42.7	36.1	232.1	1014.4	356.6	26	11.8	6	0
03-03-2026	14:00:00	38.9	37.1	34.6	41.3	36.9	33.7	227.1	1013.4	346.6	30.6	12	3.3	0
03-03-2026	15:00:00	40.4	36.9	35.6	42.7	40	37.8	198.6	1012.5	305.9	34.6	15.2	5.3	0
03-03-2026	16:00:00	40.3	37.2	33.3	38.9	37.3	33.3	154.3	1011.7	319	34	15.9	6.6	0
03-03-2026	17:00:00	39.2	37.1	36.4	40.5	37.3	35.1	97.2	1011.2	318.4	32.6	14.6	5.3	0
03-03-2026	18:00:00	40.2	36.4	34.6	42	39.5	37.1	38.8	1011.2	320.6	30	12.7	4.6	0
03-03-2026	19:00:00	36.6	34.8	32.2	42.9	41.3	37.8	1.9	1010.7	320.3	22.6	11.5	4.6	0
03-03-2026	20:00:00	36.5	34.1	33.3	49.8	40	34.3	0.1	1010.9	328	20.6	9	3.3	0
03-03-2026	21:00:00	35.6	31.9	30.7	60.7	53.5	47.3	0.1	1011.2	350.7	18	9.2	4	0
03-03-2026	22:00:00	35.4	32.2	27.9	50.5	47.3	41.8	0	1011.9	350.1	20	9.7	3.3	0
03-03-2026	23:00:00	34.1	30.7	29.2	65.7	57.2	47.5	0	1011.8	352.3	18	10.6	6	0
04-03-2026	00:00:00	32.3	29.7	29	69.9	66	60.7	0	1011.5	354.9	15.3	8.4	4	0
04-03-2026	01:00:00	32.5	30	27.9	66.5	62.3	59.1	0.1	1011.3	353.4	14	8.5	5.3	0
04-03-2026	02:00:00	30.8	30	27.6	63.1	60.5	56.8	0.1	1010.8	1.2	13.3	7.4	2.6	0
04-03-2026	03:00:00	33.4	29.8	26.9	68.8	58.2	54.4	0.1	1010.1	3.5	10.6	6.3	2	0
04-03-2026	04:00:00	30.2	28.4	23.5	78.5	73.5	66	0.1	1010	234.5	16	10.2	4.5	0
04-03-2026	05:00:00	30.7	28.6	27.7	73.5	68.6	60.1	0	1010.1	324.6	14.6	5.5	1.3	0
04-03-2026	06:00:00	29.6	28.2	24.9	85.1	79.8	67.7	0	1010.3	353.8	18	9.4	4	0
04-03-2026	07:00:00	30	27.4	26	89.7	87.9	82.8	0	1010.9	356.5	14.6	7.3	3.3	0
04-03-2026	08:00:00	29.4	27.9	25.2	88.4	82.1	75.5	5.2	1012.3	351.5	19.3	10.1	4.6	0
04-03-2026	09:00:00	33.6	30.5	27.5	76.7	60.3	52.6	48.8	1014.3	354.3	19.3	9.1	4.6	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
04-03-2026	10:00:00	33.9	32.4	30.3	58.3	52.3	45.7	109.8	1015.8	1.3	20.6	9.6	5.3	0
04-03-2026	11:00:00	38.5	34.6	32.2	49.6	43.6	36	168.3	1016.5	357.6	29.3	12.8	6.6	0
04-03-2026	12:00:00	37.5	36.3	35	40.6	36.5	31.1	212.6	1016.1	352.5	31.3	16.8	9.3	0
04-03-2026	13:00:00	40.8	37.8	35.6	35.6	30.4	26.6	238.9	1015.4	351.3	35.3	18.9	9.3	0
04-03-2026	14:00:00	42.6	39	36.6	33	27.9	23.4	237.4	1014.6	348.8	31.3	15	4.6	0
04-03-2026	15:00:00	42.2	39.5	37.3	36	31.8	25.4	201.9	1013.9	309.5	30	12.7	2.6	0
04-03-2026	16:00:00	41.8	39	36	32.6	29	26.7	157.2	1012.7	321.9	34	17.9	6.6	0
04-03-2026	17:00:00	40.6	38.4	35.6	31.1	29.2	25.9	101.9	1012	319.5	35.3	18.3	7.3	0
04-03-2026	18:00:00	40.1	38.1	34.8	29.5	28.1	26	42.8	1011.8	321.3	36	15.9	5.3	0
04-03-2026	19:00:00	38.2	36.5	35.2	32.4	29.1	26	3.1	1011.4	321.2	31.3	13.3	5.3	0
04-03-2026	20:00:00	38.2	36.2	33.1	28	25.3	23.8	0	1011.5	321.7	26.6	12.4	4.6	0
04-03-2026	21:00:00	40.5	36.2	34.2	33.8	25.8	21.5	0	1012.2	334.7	31.3	12.8	5.3	0
04-03-2026	22:00:00	37.8	33.7	31.4	50.5	38.8	25.7	0	1012.2	349.7	60.6	16	8.6	0
04-03-2026	23:00:00	33.3	31	29.1	57.1	53.7	46.3	0.1	1011.8	353.3	21.3	12.2	6.6	0
05-03-2026	00:00:00	34.9	30.8	28.8	55.9	49.8	42.8	0	1011.7	350.8	22.6	14.2	7.3	0
05-03-2026	01:00:00	31.9	30.8	29.1	56.7	50.3	42.4	0	1011.3	358.2	23.3	10.3	6	0
05-03-2026	02:00:00	31.6	30.7	27.7	60.3	55.1	49.6	0	1010.9	356.5	12	8.4	5.3	0
05-03-2026	03:00:00	32.9	31.5	29.9	60.5	48.7	39.1	0	1010.6	323.1	36	15.4	6	0
05-03-2026	04:00:00	33.3	30.1	27.7	66.7	61.5	54.3	0	1010.1	338.4	34.6	15.1	6	0
05-03-2026	05:00:00	33.4	29.1	27.7	78.5	69.6	61.8	0	1010	353.5	33.3	14.9	6	0
05-03-2026	06:00:00	28.5	27.5	24	77.8	70.5	62.9	0	1010.7	359.8	22	12	5.3	0
05-03-2026	07:00:00	28.2	27.3	24.5	64.8	58.6	55.3	0.1	1011.2	358.5	27.3	13	6	0
05-03-2026	08:00:00	31.2	27.5	26	61.4	58.5	54.3	6.1	1012.2	359.3	25.3	13.4	8	0
05-03-2026	09:00:00	33.2	29.6	26.7	59.3	51.1	43	51.6	1013.8	0.3	32.6	14.2	6.6	0
05-03-2026	10:00:00	33	31.4	29.7	45.7	42.2	38.3	112.8	1015.2	2.1	34.6	17.3	11.3	0
05-03-2026	11:00:00	35.2	33.3	30.8	44.6	40.3	37.5	181.3	1016	357.2	39.3	18.2	6	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
05-03-2026	12:00:00	38	34.8	33.3	41.5	37.4	31.4	219	1015.4	353.8	46.6	21.2	10.6	0
05-03-2026	13:00:00	39.8	36.1	34.1	39.6	34.6	29.5	240.8	1014.8	0.8	42.6	19	10.6	0
05-03-2026	14:00:00	40.3	37.3	34.1	37.4	31.6	28	230.3	1013.8	352.3	45.3	20.1	7.3	0
05-03-2026	15:00:00	41.8	38.4	34.4	31.3	26.7	24	202.2	1012.8	342.2	53.3	21.5	8.6	0
05-03-2026	16:00:00	41.7	39	36.7	28.6	24.1	20.4	164.1	1012.1	340.3	47.3	19.5	6	0
05-03-2026	17:00:00	41.8	38.8	38.1	26.4	22.1	16.7	105.1	1011.3	350	46	20.8	9.3	0
05-03-2026	18:00:00	39	36.7	34.4	40.2	32.7	22.6	43.7	1010.5	351.8	31.3	16.8	8	0
05-03-2026	19:00:00	36	34.3	32	45.3	40.4	36.2	2.7	1009.8	2.3	18.6	8.2	4	0
05-03-2026	20:00:00	35.8	33	31.8	42.5	39.9	36.5	0	1009.6	7.4	8.6	4.8	2.6	0
05-03-2026	21:00:00	36	32.9	31.4	39.8	37.3	31.9	0.1	1010.2	9.4	6	3.1	0.6	0
05-03-2026	22:00:00	36.4	32.7	31	40.9	37	34.3	0	1011	357.6	12.6	6.2	2	0
05-03-2026	23:00:00	34.8	32	27.5	45.8	39.7	35.8	0.1	1011.1	352.3	16.6	9.7	4	0
06-03-2026	00:00:00	28.8	26.9	24.5	78.1	74.8	72.9	0	1007.5	231.3	23.3	10.4	4	0
06-03-2026	01:00:00	29.4	26.9	23.8	77.8	74.9	72.6	0	1007.2	236.2	30	11.2	4	0
06-03-2026	02:00:00	30.4	26.9	24.4	75.4	72.8	70.4	0	1007	243.6	30	11.9	4.6	0
06-03-2026	03:00:00	29.5	26.9	21.9	78.3	74.9	67.5	0	1006.6	250	27.3	12.8	5.3	0
06-03-2026	04:00:00	29.2	26.7	23.1	83.8	80.1	74.3	0	1006.2	254.7	29.3	13.9	6	0
06-03-2026	05:00:00	28.4	26.5	24.2	80.3	78.1	75.4	0	1006.2	266	27.3	12.4	4.6	0
06-03-2026	06:00:00	28.2	26.1	23.8	81.6	79.5	75.9	0	1006.2	286.8	23.3	8.7	2.6	0
06-03-2026	07:00:00	28.7	25.6	22.2	81.2	77.7	74	0	1006.8	285.2	13.3	4.9	0.6	0
06-03-2026	08:00:00	29.6	26.1	23.4	75.9	70.4	63.3	4.9	1008.2	290.2	12	4.6	2	0
06-03-2026	09:00:00	28.7	28.3	27.7	59.1	57.4	56.1	78.3	1011.1	290.7	15.3	7.7	1.3	0
06-03-2026	10:00:00	30.8	29	26.9	57.9	52.3	46.5	111	1011.6	301.4	26	11.2	2.6	0
06-03-2026	11:00:00	33.1	30.6	27.7	49.8	45.8	41.8	172.6	1012.2	335.9	24.6	9.5	2	0
06-03-2026	12:00:00	34.6	31.4	28.1	47	44.1	39.8	221	1011.9	316.3	32.6	9.5	2.6	0
06-03-2026	13:00:00	35.9	31.8	29.9	45.1	41.6	38.2	245.7	1010.4	299.3	35.3	15.6	6	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
06-03-2026	14:00:00	34.4	32.3	30.6	42.2	38.8	31.4	243.9	1009.2	299.8	36.6	17.3	6.6	0
06-03-2026	15:00:00	35.5	33.2	31.4	37.4	32.6	29.2	219.3	1008.7	300.6	40	17.2	7.3	0
06-03-2026	16:00:00	35.3	33.6	31.5	33.4	30	27.9	174.1	1008.6	300.9	35.3	16.3	6	0
06-03-2026	17:00:00	36.9	34.1	32.3	32.5	29.8	27	110.8	1008.4	285.6	26	11.9	4.6	0
06-03-2026	18:00:00	36.2	33.7	32.5	34.7	30.6	27.1	45.9	1008.2	277.1	22	9.3	2.6	0
06-03-2026	19:00:00	32.9	30.1	27.5	61.4	50.6	33.5	3	1007.2	259.9	27.3	13.4	3.3	0
06-03-2026	20:00:00	33.3	28.5	26.3	61.8	58.9	55.1	0.1	1007.2	260.1	23.3	11.5	4.6	0
06-03-2026	21:00:00	30.7	28.2	26.2	69.2	61.1	56.4	0	1007.8	259.1	30	14	6.6	0
06-03-2026	22:00:00	30.9	27.5	24.8	78.7	74.1	67.7	0	1008.2	265.5	32	14.9	6.6	0
06-03-2026	23:00:00	28.8	27.2	23.9	85	81.4	76.1	0	1008.3	265.4	28.6	14.4	4.6	0
07-03-2026	00:00:00	30.4	27.6	22.9	94.9	92.4	90.8	0	1008.9	293.2	17.3	7.1	0.6	0
07-03-2026	01:00:00	29.4	27.3	25.1	94.7	93.2	90.2	0	1008.7	295.8	14	7.6	2.6	0
07-03-2026	02:00:00	29.9	26.9	24.5	94	90.4	85.8	0	1008.1	290.7	112	6.5	2.6	0
07-03-2026	03:00:00	30.4	27.2	26.3	88.2	84.8	82.1	0	1007.8	291.1	10.6	4.9	2.6	0
07-03-2026	04:00:00	29.4	27	24.9	90	87	83.2	0	1007.5	7.8	8	6.1	4.2	0
07-03-2026	05:00:00	29.9	26.9	22.7	99.5	95.2	87.2	0	1007.7	116.6	14.6	8.3	2	0
07-03-2026	06:00:00	27.8	26.2	25.7	101	97.8	92.7	0.1	1007.8	126	8.6	5.2	1.8	0
07-03-2026	07:00:00	29.4	26.2	23.7	100.3	97.5	96.2	0	1008.5	75.3	6.6	5.7	4.8	0
07-03-2026	08:00:00	29.6	27.1	24.3	99.3	91.8	83.8	6.3	1009.9	66.7	10	5.6	1.3	0
07-03-2026	09:00:00	32	29.2	27.4	84.9	79.7	76.3	45.5	1012.1	72.1	12.6	3.6	0.6	0
07-03-2026	10:00:00	34.4	31	26.7	80.2	74.6	63.9	95.5	1013.4	70.2	10	7	4	0
07-03-2026	11:00:00	34.6	32.5	30.2	68.9	61	56.4	162.5	1014.3	1.6	22	9	1.3	0
07-03-2026	12:00:00	36.4	34.5	31.8	59.5	49.1	41	208.8	1014.3	358.6	16	7.7	1.3	0
07-03-2026	13:00:00	40.8	36.7	34.5	42.1	36.9	32.7	233.7	1013.4	353.5	20	9.7	4	0
07-03-2026	14:00:00	41.9	38	35.2	47.3	36.7	30.4	228.7	1012.4	342.3	26.6	8.6	2	0
07-03-2026	15:00:00	40.2	36.2	34.1	49.5	47.1	44.5	205.3	1010.8	296.3	30.6	16.1	4.6	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
07-03-2026	16:00:00	39.2	36.7	32.7	48.2	42.7	38.1	162.6	1010.2	296.8	36	15.7	6.6	0
07-03-2026	17:00:00	40.8	37.2	35.2	39.9	37.6	35.5	104.3	1010	297.3	28.6	14.4	2.6	0
07-03-2026	18:00:00	39.1	36.6	32.5	37.3	32.3	28.9	45.6	1009.7	297.3	25.3	12.5	4.6	0
07-03-2026	19:00:00	36.6	35	33	39.8	34.6	29.7	3.8	1009.3	309.7	19.3	7.2	0.6	0
07-03-2026	20:00:00	36.5	33.2	31.6	42.1	38.3	31.2	0	1009.2	324	16	5.8	0.6	0
07-03-2026	21:00:00	33.9	31.7	29.8	62.1	49.3	34.9	0	1009.8	352	14.6	6.3	2	0
07-03-2026	22:00:00	32.3	30	28.7	65.6	58.1	53.4	0	1010	354.7	8	4.8	2	0
07-03-2026	23:00:00	33.8	29.6	27.3	70.7	58.2	47.1	0	1010.1	0.4	10.6	5.5	2	0
08-03-2026	00:00:00	33.7	30.7	28.6	53.3	47	41.2	0.1	1010.2	343.1	16	7.3	2.6	0
08-03-2026	01:00:00	33.7	30.5	27.3	55.8	50.4	44.2	0.1	1009.9	335.8	13.3	4.8	0	0
08-03-2026	02:00:00	31.4	29.2	26.3	74.2	65.8	49.8	0.1	1009.2	293.4	12.6	6.5	3.3	0
08-03-2026	03:00:00	30.6	28.2	26.9	77.7	74.3	70.3	0.1	1008.9	297.1	14	7.1	2.6	0
08-03-2026	04:00:00	31	28.3	24.8	74.5	66.9	59.5	0.1	1008.3	317.5	13.3	9.1	5	0
08-03-2026	05:00:00	34.4	29.5	27.5	66.2	60.1	55.3	0	1008.2	347.2	22.6	10.6	3.3	0
08-03-2026	06:00:00	32.1	28.4	26.4	77.2	72	61.4	0.1	1008.4	0.6	23.3	8.9	4.6	0
08-03-2026	07:00:00	29.6	27.6	26	78	74.1	70	0.1	1009.1	358.6	14	7.8	2.6	0
08-03-2026	08:00:00	29.3	27.9	25.2	75.8	68.5	64.3	6.7	1010	357.2	20	10.5	6	0
08-03-2026	09:00:00	31	29.2	24.2	68.8	63	57.8	41.1	1011.7	9.5	22.6	12.1	6.6	0
08-03-2026	10:00:00	32.2	31.4	30.4	56.9	54.2	52.2	127.9	1013.8	359.8	24	14.8	10	0
08-03-2026	11:00:00	35.6	33.1	31.5	55.9	47.3	41.5	164.2	1014	354.6	34	16.6	9.3	0
08-03-2026	12:00:00	39.8	35.7	34.1	47.6	39.4	32.4	212.1	1014.2	353.7	30	16.2	8.6	0
08-03-2026	13:00:00	39.7	37.5	34.8	38.9	34.4	30.4	239	1013.4	353	35.3	18	9.3	0
08-03-2026	14:00:00	41.8	39.2	37.2	36.1	28.8	25.9	238.4	1012.5	350.3	36.6	18.7	10	0
08-03-2026	15:00:00	44.9	40.4	38.4	30.4	27.3	23.7	210.5	1011.4	343.2	31.3	16.2	6	0
08-03-2026	16:00:00	43	40.5	39.3	32.5	28.7	26.2	162.6	1010.7	318.1	38.6	17	6	0
08-03-2026	17:00:00	41.9	39.7	37.3	30.7	28	20.6	106.1	1009.8	321.6	38.6	18.4	6.6	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
08-03-2026	18:00:00	43.9	39	35.6	30	27.8	20.8	45.9	1009.5	322.6	34	17.4	8.6	0
08-03-2026	19:00:00	39	37.1	35.5	33.7	29.3	27.7	3.9	1009.1	324.3	35.3	17.8	6.6	0
08-03-2026	20:00:00	39.2	36.9	35	28.9	27.4	23.7	0	1009.3	331.2	42.6	22	9.3	0
08-03-2026	21:00:00	41.7	36.4	34.2	33.5	29.3	26.6	0	1010.2	344	39.3	20.7	10	0
08-03-2026	22:00:00	36.2	34.2	32.7	46.2	40.5	31.1	0.1	1010.5	349.8	26	15.6	8	0
08-03-2026	23:00:00	38.5	34.4	31.2	41.7	36.9	32.4	0	1010.8	347.6	33.3	20	11.3	0
09-03-2026	00:00:00	35.2	32.4	30.4	56.5	46.7	32.5	0	1010.3	351.9	32	14.8	8	0
09-03-2026	01:00:00	37.1	31.7	26.7	55.3	48.6	39.1	0.1	1009.9	356.8	24.6	13.4	4	0
09-03-2026	02:00:00	32.1	30.8	25.3	59.3	47.4	40.9	0	1009.5	356.3	29.3	12.9	3.3	0
09-03-2026	03:00:00	35.7	31	29	50.4	44.4	37.5	0.1	1009	353.2	24.6	14.9	6	0
09-03-2026	04:00:00	33.1	29.3	26.3	57.9	52.3	41.5	0	1008.1	26.3	19.3	12	4.8	0
09-03-2026	05:00:00	31.5	29.3	25.6	50.9	46.2	43.6	0.1	1008.2	342.4	10.6	5.1	1.3	0
09-03-2026	06:00:00	33.1	30.3	25.7	46.9	42.1	35.5	0	1009.1	350.5	23.3	12.8	5.3	0
09-03-2026	07:00:00	32.4	30	28.7	52.7	44.6	38.7	0	1009.7	350.9	23.3	13.7	6	0
09-03-2026	08:00:00	32.1	30.5	26.9	48.9	41.2	35.5	6.8	1010.8	350.1	24	14.1	6	0
09-03-2026	09:00:00	34.5	32.2	30.8	40.2	36.1	31.5	52	1012.6	350	29.3	16.2	8	0
09-03-2026	10:00:00	35.2	34.9	30	49.1	34.8	33.2	141	1014.5	4.7	24.6	14.5	5.3	0
09-03-2026	11:00:00	37.7	35.7	34.6	35.5	31.8	28.1	170.9	1014.7	356.5	157.4	18.2	10.6	0
09-03-2026	12:00:00	40	36.8	32.2	37.5	32.6	23.3	217.8	1014.5	356.4	34	18.6	12	0
09-03-2026	13:00:00	40.8	38.4	36.1	36.4	29	22.2	242.6	1013.8	349.6	33.3	20.2	10.6	0
09-03-2026	14:00:00	42.9	41.4	39.7	24.7	21	18.4	236.4	1013.3	354.4	27.3	11.7	5.3	0
09-03-2026	15:00:00	43.6	42.6	41	23.8	18.7	11.8	203.1	1012.5	352.8	24.6	10.5	4	0
09-03-2026	16:00:00	46.2	42.5	40.8	25	22.6	20	151.7	1011.3	301.5	32	13.8	4.6	0
09-03-2026	17:00:00	44	42.1	38.9	24.7	21.3	18.4	94	1010.6	319.9	29.3	13.7	5.3	0
09-03-2026	18:00:00	43.7	40.5	38.9	25.2	22.7	21	40.1	1010	319.8	29.3	15.1	7.3	0
09-03-2026	19:00:00	40.9	38.3	35.2	27.2	25	18.9	2.9	1009.7	321.7	36.6	13.7	5.3	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
09-03-2026	20:00:00	39	37	34.4	32.9	25.6	20.8	0	1009.8	339.5	24	10.6	4	0
09-03-2026	21:00:00	36.4	33.8	31.4	46.6	40.3	30.4	0	1009.9	354.4	23.3	10.8	5.3	0
09-03-2026	22:00:00	36.9	34.1	32.8	40.4	35	20.6	0	1010.6	351	24	12.4	4.6	0
09-03-2026	23:00:00	37.9	34.2	31.9	45.3	35.5	20.4	0	1010.9	351.7	29.3	12.7	6	0
10-03-2026	00:00:00	34.8	32.2	30.6	47.7	42.4	32.6	0	1010.6	355.5	24.6	12.2	6.6	0
10-03-2026	01:00:00	34.9	31.7	28.3	48.9	43.5	38.8	0	1010.3	356.1	22.6	11.4	6	0
10-03-2026	02:00:00	36.6	31.8	29.6	49.7	41.7	31.5	0	1010	355.2	21.3	11.8	1.3	0
10-03-2026	03:00:00	34.2	31.8	29.4	48.9	37.3	31.1	0	1009.7	351.3	25.3	12.5	6.6	0
10-03-2026	04:00:00	34.7	32.1	30.2	43.6	36.7	32	0	1009.8	349.9	31.3	18.7	10	0
10-03-2026	05:00:00	34.6	30.6	28.3	48.5	43.5	37.8	0	1009.4	355.3	25.3	13.4	6.6	0
10-03-2026	06:00:00	33.3	30.2	27.8	50.2	45.9	40.4	0	1009.7	3.4	18.6	10.2	5.3	0
10-03-2026	07:00:00	33.3	29.8	27.9	56	47.7	35.8	0.1	1010.3	355.3	20.6	10.1	5.3	0
10-03-2026	08:00:00	35.4	32.5	31	39.9	32.1	27.8	7.3	1012	346.5	24.6	12.4	5.3	0
10-03-2026	09:00:00	34.6	31	27.9	56.8	49.3	37.3	49.6	1013.4	6.7	21.3	8.6	4.6	0
10-03-2026	10:00:00	36.4	33.7	31.2	56.6	46.3	40.2	131.9	1015.1	354.3	24	13.3	2	0
10-03-2026	11:00:00	38.3	35.2	31	48.6	43.3	36.2	167.4	1015.3	354	24	12.8	6.6	0
10-03-2026	12:00:00	39.6	37.6	35.6	41.4	33.3	26.8	209.1	1015.5	352.9	22	12.4	6	0
10-03-2026	13:00:00	43.3	40.4	37.5	28.2	24.9	21.3	226.5	1015	354	20	11.3	6.6	0
10-03-2026	14:00:00	44.2	42.4	39.9	26.9	21.7	15.4	203.5	1014.1	349.2	162	11.4	4	0
10-03-2026	15:00:00	45.8	42.7	39.8	27	24.5	21.1	176.9	1013	308.9	28	12.3	3.3	0
10-03-2026	16:00:00	45.2	41.7	38.4	26.4	23.9	21.8	140.6	1011.8	297.5	35.3	14.7	5.3	0
10-03-2026	17:00:00	42.1	41.3	39.5	25.2	22.5	18.3	90.8	1011.1	303	32.6	15.3	6	0
10-03-2026	18:00:00	43.3	40.1	37.8	25	22.2	14.9	38.2	1010.6	300.8	31.3	14.1	6	0
10-03-2026	19:00:00	42.6	38	35.1	31.5	25	19.4	2.3	1010.2	301.7	24	9.9	3.3	0
10-03-2026	20:00:00	39.5	36.8	33.7	32	27.8	21.2	0	1010.4	323.6	31.3	11.6	2.6	0
10-03-2026	21:00:00	39.8	37.1	34.2	35.3	23.4	11.9	0	1011.3	338.6	26.6	12.3	5.3	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
10-03-2026	22:00:00	42	38.2	35.4	21.5	17.9	15.3	0	1012.3	331.9	32	15.7	6.6	0
10-03-2026	23:00:00	40.9	37	31	42.9	24.8	18.4	0	1012	346	38	19.4	9.3	0
11-03-2026	00:00:00	35	32.8	29.8	48.2	42.9	38.7	0	1010.8	354.7	22.6	12.6	8	0
11-03-2026	01:00:00	32.7	31.6	29.5	51.1	45.3	40.3	0	1010.5	351.4	26	15.8	8	0
11-03-2026	02:00:00	35	32.4	29.3	52	37.5	31.1	0	1010.1	349.8	24.6	16.5	9.3	0
11-03-2026	03:00:00	33.3	31.4	28.5	57.6	43.3	32.2	0	1009.5	0.6	23.3	11.1	1.3	0
11-03-2026	04:00:00	31.4	30	29	54.9	45.8	40.7	0	1009	359	13.3	8	4.6	0
11-03-2026	05:00:00	34.1	31.8	29.6	46.7	34.4	28.9	0	1009.6	348.8	30.6	14.5	6	0
11-03-2026	06:00:00	33.9	31.3	28.3	47.9	36.9	28.6	0	1009.8	349.4	32	19.1	8	0
11-03-2026	07:00:00	34.2	31.3	28.7	42.3	33.2	26.8	0.1	1010.2	346.8	29.3	16.2	6.6	0
11-03-2026	08:00:00	35.3	31.5	27.5	37.4	32.7	29.9	6.3	1011.6	347.2	28	13.5	4	0
11-03-2026	09:00:00	32.7	30.7	27.8	51.5	45.4	28.2	49	1013.2	6.4	21.3	10.7	6.6	0
11-03-2026	10:00:00	35.7	33.1	31	50.3	41.5	29.9	106.7	1014.4	358.4	25.3	11.9	4	0
11-03-2026	11:00:00	39.1	35.9	33.7	41.8	35	30.4	168.5	1015.4	356.1	32.6	10.6	6	0
11-03-2026	12:00:00	41.5	38.5	34.6	33.7	27.9	24.4	201.7	1015.4	357.2	17.3	9.9	5.3	0
11-03-2026	13:00:00	45	41	38.9	27.8	24.4	20.2	214.9	1014.9	359.6	18	8.4	2.6	0
11-03-2026	14:00:00	44.8	41.3	37.5	34.8	28.8	18.8	207.2	1013.7	206.9	24.6	7.2	1.3	0
11-03-2026	15:00:00	41.2	39.7	37.8	39.8	33.6	27.4	176.4	1012.2	251.9	29.3	13	6	0
11-03-2026	16:00:00	40	38	36.3	37.8	31.7	25.4	137.4	1010.7	263.9	31.3	15.5	4.6	0
11-03-2026	17:00:00	39.8	38.7	35.3	31.7	28.4	23.2	86.8	1010.3	290.7	30	14.2	6	0
11-03-2026	18:00:00	42.4	39.6	38.1	27.2	22.8	19.3	40.6	1010	296.8	29.3	13.3	4.6	0
11-03-2026	19:00:00	41.7	38.5	35.8	21.2	19.4	18	3.1	1009.9	300.8	23.3	10	4.6	0
11-03-2026	20:00:00	39.5	36.4	34	29.2	25.2	15.6	0	1009.6	310.2	14	5.8	2	0
11-03-2026	21:00:00	37.3	34.6	30.8	46	35.7	28	0	1009.9	337.1	18	6	0.6	0
11-03-2026	22:00:00	37.3	33.2	30	57.1	44	27.1	0	1010.2	26.1	18	11	4	0
11-03-2026	23:00:00	34.5	32.1	31.3	71.6	51.6	42.4	0	1010.1	117.3	16	11	6	0

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Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Hazira station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
12-03-2026	00:00:00	33.1	30.2	27.7	77.9	73.1	65.8	0	1009.8	225.3	20	12.2	5	0
12-03-2026	01:00:00	30.6	30.2	27.6	67.7	66.6	65.9	0	1009.3	285.2	16	10.1	4.2	0
12-03-2026	02:00:00	32.5	30.1	28.9	78.3	69.1	63.2	0	1009.1	310	18.6	10.4	2.3	0
12-03-2026	03:00:00	29.9	29.2	27.5	90.3	82.1	77.2	0	1008.4	37.1	8.6	6.3	4	0
12-03-2026	04:00:00	30.8	28.6	23.1	93.2	89.1	86.4	0	1008.1	348	6.6	4	1.5	0
12-03-2026	05:00:00	29	28	26.3	96.3	91.8	87.4	0	1008.1	353.7	4.6	3.3	2	0
12-03-2026	06:00:00	29.7	27.5	23.2	94.3	90.5	86.3	0	1008.2	314	5.3	3.3	1.3	0
12-03-2026	07:00:00	30.3	27.3	24.5	91.1	87.9	83.5	0	1008.4	359.7	7.3	4.3	1.3	0
12-03-2026	08:00:00	32.2	28.1	26.8	91.1	84.8	76.1	6.8	1009.5	349.3	7.3	5.6	4	0
12-03-2026	09:00:00	33.9	31	29.9	76.3	70.3	66.2	48	1011.8	26	8.6	6.9	5.3	0
12-03-2026	10:00:00	37	35.2	31.3	66.5	46.4	46.2	133	1014.5	10.9	8.6	6.3	4	0
12-03-2026	11:00:00	40.4	36.7	34.4	48.1	41.7	33.5	151.6	1014.1	39.3	10	6.5	2.5	0
12-03-2026	12:00:00	41.2	38.7	36.5	34.9	29	24.1	195.3	1013.7	359.2	21.3	14.6	8	0
12-03-2026	13:00:00	41.9	39.4	37.7	30.7	24.4	21.5	225.5	1012.3	354.6	28	12.8	6	0
12-03-2026	14:00:00	46.1	40.7	39.1	33.1	28.5	23.3	218.3	1011.1	354.7	26	7.8	1.3	0
12-03-2026	15:00:00	44.2	41.7	37.7	33.3	28.3	26.2	189.9	1010.5	321.5	25.3	9	2	0
12-03-2026	16:00:00	45	40.6	36.3	30.4	27.3	23.7	210.5	1011.4	343.2	31.3	16.2	6	0
12-03-2026	17:00:00	44.8	38.4	32	32.5	28.7	26.2	106.1	1010.7	318.1	28.3	18.2	8.2	0
12-03-2026	18:00:00	44	40	36.1	30.7	28	20.6	44.8	1009.8	321.6	38.4	19.8	1.3	0
12-03-2026	19:00:00	43.1	39.5	36	30.3	27.4	24.5	4.3	1009.5	322.6	24.6	14.7	4.8	0
12-03-2026	20:00:00	38	35.7	33.4	33.7	29.3	27.7	0	1009.1	324.3	35.1	20.9	6.8	0
12-03-2026	21:00:00	38.2	33.7	29.2	28.9	27.4	23.7	0	1009.3	331.2	14	11.6	9.3	0
12-03-2026	22:00:00	34.4	31.2	28	33.5	29.3	26.6	0	1009.8	349	19.3	14.6	10	0
12-03-2026	23:00:00	32	29.1	26.3	44.5	37	29.5	0	1008.4	348.7	26	15.6	8	0



Ghogha Meteorological Data

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
13-02-2026	00:00:00	24.2	23.1	22.3	66	64	61.1	0	1013.4	308.4	9.3	2.5	0	0
13-02-2026	01:00:00	23.6	23.2	22.5	69.4	64.7	62.1	0	1011.6	279.9	8	1.6	0	0
13-02-2026	02:00:00	23.5	23.1	22.6	64.5	63.3	62.2	0	1011	275.4	6.6	1.5	0	0
13-02-2026	03:00:00	23.3	22.9	22.5	66.6	65.9	64.3	0	1010.5	314.6	8	2.1	0	0
13-02-2026	04:00:00	23	22.3	21.7	68.1	66.3	65.2	0	1010	282.8	8	2.1	0	0
13-02-2026	05:00:00	22.5	21.9	21	71.5	69.2	67.9	0	1009.9	289.6	10	2.5	0	0
13-02-2026	06:00:00	21.9	21.4	20.9	73.8	72.8	71.3	0	1010.1	298.2	10	2.5	0	0
13-02-2026	07:00:00	21.7	21	20.3	77.1	75.2	73.2	0	1010.5	296.1	11.3	2.8	0.6	0
13-02-2026	08:00:00	21.3	20.8	20.3	77.6	76.6	75.7	2.8	1011.3	297.8	11.3	2.8	0	0
13-02-2026	09:00:00	24.6	22.5	20.8	75.9	71.1	64.7	30.3	1012.6	320.2	18	4.1	0	0
13-02-2026	10:00:00	26.7	25.5	24.1	67.7	65.8	64	79.8	1014	341.8	17.3	6.3	1.3	0
13-02-2026	11:00:00	28.4	27.4	26.2	66.8	64.5	60.9	150.7	1014.8	355	18.6	6.1	0.6	0
13-02-2026	12:00:00	29.2	28.6	27.9	62.3	59.7	57.9	204.5	1015.1	357.9	22	6.1	2	0
13-02-2026	13:00:00	29.9	29.3	28.7	60.1	57.6	54.3	238.5	1014.5	357.5	19.3	6.5	0.6	0
13-02-2026	14:00:00	32.6	31	29.4	57.2	49.8	40.7	249.2	1013.8	355.2	16	4.2	0.6	0
13-02-2026	15:00:00	33.1	32.4	31.6	44.5	40.5	36.6	231.8	1013.1	356.3	14.6	4.4	0	0
13-02-2026	16:00:00	33.8	33.2	32.4	39.2	36.1	33.9	188.9	1012.5	7.5	12.6	3	0.6	0
13-02-2026	17:00:00	33.8	33	32.4	39	36.9	33.9	123.5	1011.9	13.3	11.3	2.8	0	0
13-02-2026	18:00:00	33	31.9	30.2	46.2	41	37.5	47.1	1011.4	7.1	9.3	1.6	0	0
13-02-2026	19:00:00	30.6	29.2	28.2	49.6	47.8	45.8	1.2	1010.6	7.6	6.6	2.2	0	0
13-02-2026	20:00:00	28.8	28.3	27.6	49.4	46.9	45.1	0	1010.8	6.1	7.3	2.5	0	0
13-02-2026	21:00:00	28	27.5	27.1	51.5	49.2	48	0	1011.2	2	6	2.3	0	0
13-02-2026	22:00:00	27.7	27	26.3	63.8	58.3	51.3	0	1011.3	34.5	11.3	2.5	0	0
13-02-2026	23:00:00	27.7	26.6	26.1	67.6	62.5	53.4	0	1011.2	7	13.3	4.3	0.6	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
14-02-2026	00:00:00	27.5	26	24.4	63.8	60.9	55.4	0	1011.3	311.1	8.6	1.9	0	0
14-02-2026	01:00:00	24.8	23.7	23.2	67.4	66.3	63.6	0	1010.8	247.1	9.3	2.8	0	0
14-02-2026	02:00:00	23.6	23	22.5	67.2	65.3	62.5	0	1010.4	269.3	12	2.3	0	0
14-02-2026	03:00:00	23.7	22.9	22.3	65.1	63.3	62	0	1010.1	279.4	11.3	1.9	0	0
14-02-2026	04:00:00	23.1	22.3	21.5	66	63.5	60.3	0	1009.7	301.2	14	2.8	0	0
14-02-2026	05:00:00	22.7	22.1	21.2	63.6	61.9	60.7	0	1009.9	284.6	9.3	2.3	0	0
14-02-2026	06:00:00	21.9	21.3	20.7	64.7	63.6	62.8	0	1009.8	303.3	11.3	2.8	0	0
14-02-2026	07:00:00	22.1	21.6	21.1	68.3	65.3	62.8	0	1010.5	326.3	13.3	4.6	0.6	0
14-02-2026	08:00:00	22.2	21.2	20.3	68.3	66.7	64.9	2.1	1011.3	312.5	12	3.4	0	0
14-02-2026	09:00:00	25.1	23.2	21.9	65.7	59.7	55.1	30.5	1012.7	313.2	14	3.7	0.6	0
14-02-2026	10:00:00	29	26.8	24.7	55.3	49.8	42.8	81.2	1014.2	336.4	17.3	5.3	0.6	0
14-02-2026	11:00:00	30.1	29.6	28.7	45.4	42.6	39.3	160.5	1015	354.2	20	7	2	0
14-02-2026	12:00:00	31.4	30.3	29.3	47.2	45.3	43.3	213	1015	354.7	24.6	8.1	2	0
14-02-2026	13:00:00	32.1	31.5	30.4	44.7	42.7	40.1	247	1014.5	354.3	23.3	8.2	2	0
14-02-2026	14:00:00	33.3	32.5	31.6	46.3	42.1	36.4	258.5	1013.6	356.4	23.3	6.8	2.6	0
14-02-2026	15:00:00	33.6	32.9	32.3	43.1	38.7	35.6	242.6	1012.8	357.7	23.3	6.5	1.3	0
14-02-2026	16:00:00	34	33.1	32.6	43.9	40.6	34.7	196.1	1012.2	357.6	21.3	5.9	0.6	0
14-02-2026	17:00:00	33.4	32.8	32.4	39.8	38	35.1	130.6	1011.7	358.6	18	5.2	0.6	0
14-02-2026	18:00:00	32.7	31.2	29.8	46.2	43.4	39.7	53.2	1011	359.4	12.6	3.1	0.6	0
14-02-2026	19:00:00	30.2	28.5	27.3	57.4	52.2	45.8	1.8	1010.3	359.7	10.6	3.4	0.6	0
14-02-2026	20:00:00	27.7	27.2	26.7	61	57.4	53.4	0	1010.3	6.1	11.3	3.3	0.6	0
14-02-2026	21:00:00	27.5	27.2	26.7	56.7	52.9	49.6	0	1010.8	38	10.6	2.5	0	0
14-02-2026	22:00:00	27.4	26.8	26.3	58.4	55.7	47.3	0	1011	9.7	7.3	2.4	0	0
14-02-2026	23:00:00	27.4	26.7	26.2	55.4	52.1	46.1	0	1011.3	359.4	10	3.8	0	0
15-02-2026	00:00:00	26.7	24.4	22.7	67.2	62	53.7	0	1011.1	264.7	6	1.5	0	0
15-02-2026	01:00:00	23.5	23	22.7	67.9	66.1	64.4	0	1010.9	274.8	7.3	1.7	0	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
15-02-2026	02:00:00	23.2	22.6	22.1	69.6	67.7	65.3	0	1010.5	291.1	9.3	2.4	0	0
15-02-2026	03:00:00	22.5	21.9	21.3	69.2	65.3	60.2	0	1010	296.6	10.6	2.6	0	0
15-02-2026	04:00:00	22.1	21.6	21	60.4	57.7	56.6	0	1009.6	325.8	16	5.9	1.3	0
15-02-2026	05:00:00	21.5	20.4	19.4	59.2	57.7	56.8	0	1009.3	273.9	10	2.4	0	0
15-02-2026	06:00:00	20.7	19.8	18.8	63.1	58.6	55.7	0	1009.6	306	10.6	1.6	0	0
15-02-2026	07:00:00	19.4	18.5	17.6	65.1	61.5	57.9	0	1010.3	228.3	10	2.3	0	0
15-02-2026	08:00:00	20.4	19.7	19.1	61.2	58.9	57	2.1	1011.2	327.2	11.3	1.7	0	0
15-02-2026	09:00:00	25.4	22.5	20.1	60.3	51.7	40.9	33.8	1012.9	288.7	12	2.2	0	0
15-02-2026	10:00:00	26.4	25.5	24.7	45.1	43.3	40.7	80.3	1014.4	339.1	22.6	7.4	0.6	0
15-02-2026	11:00:00	28.6	27.5	26.1	45.6	40.6	37	172.7	1015.3	352.5	24	7.1	2	0
15-02-2026	12:00:00	30.1	28.9	27.9	44.5	36.8	27.3	232.7	1015.5	359.3	21.3	6.5	0.6	0
15-02-2026	13:00:00	31.7	30.3	29.3	37.7	33.7	28	270.4	1015	1.4	15.3	4.5	0.6	0
15-02-2026	14:00:00	33.5	32.2	30.8	38.7	28.8	22.3	282.1	1014.3	19.2	14.6	3.5	0.6	0
15-02-2026	15:00:00	35.1	33.8	31.8	34.7	22.2	15.5	262.4	1013.6	22	14	3.1	0.6	0
15-02-2026	16:00:00	34.4	33.6	32.4	30.7	23.3	16	221.7	1012.3	51.6	13.3	3.7	0.6	0
15-02-2026	17:00:00	33.1	32.4	31.8	31.1	27.1	23.3	152.2	1011.8	66.2	13.3	4	0	0
15-02-2026	18:00:00	32.7	31.7	30.4	35.8	29.7	22.2	68.6	1011.4	62.6	10.6	2.5	0	0
15-02-2026	19:00:00	30.8	28.8	27.3	46.7	39.8	33.1	3.6	1010.2	2	2.6	0.1	0	0
15-02-2026	20:00:00	27.8	26.5	25.4	40.9	36.8	33.4	0	1010	267	0.6	0	0	0
15-02-2026	21:00:00	26.7	26.3	25.9	37.5	35.1	33	0	1010.4	0	0.6	0	0	0
15-02-2026	22:00:00	26.3	25.4	24.7	48.8	43.6	37.4	0	1010.8	0	0	0	0	0
15-02-2026	23:00:00	25.5	24.3	23.2	55.3	51.6	47.8	0	1010.6	267.9	0.6	0	0	0
16-02-2026	00:00:00	23.6	22.7	21.9	51.7	49.9	48.3	0	1010.1	284.6	6	0.1	0	0
16-02-2026	01:00:00	24.1	22.7	20.9	58.1	54.1	51.4	0	1009.7	307.3	9.3	2.1	0	0
16-02-2026	02:00:00	21.3	20.8	20.4	58.1	55.8	54.3	0	1008.9	248.7	7.3	3	0	0
16-02-2026	03:00:00	22.1	21.5	20.7	56.9	52.4	49.2	0	1008.7	326.3	13.3	3.9	0	0

"We Provide Environmental Solutions"



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
16-02-2026	04:00:00	22.2	21.1	18.9	57.7	54.3	51	0	1008.3	305.7	14.6	3.3	0	0
16-02-2026	05:00:00	19.3	18.7	18.1	64	57	55.1	0	1007.7	221.9	9.3	2.4	0	0
16-02-2026	06:00:00	20.4	19.6	18.5	63.5	56.9	52.3	0	1008.2	201.7	8	0.8	0	0
16-02-2026	07:00:00	20	19.3	18.2	56.8	53.7	50.4	0	1008.7	248.3	6.6	1.8	0	0
16-02-2026	08:00:00	20.7	18.6	17.5	58.9	56.6	51.4	2.3	1009	268.2	7.3	1.7	0	0
16-02-2026	09:00:00	24.7	22.8	20.5	51.5	43.8	37.7	35.8	1010.9	308.9	14.6	3.1	0	0
16-02-2026	10:00:00	27.5	26.1	24.3	39	34.7	30.7	79.6	1012.1	332.5	27.3	8.5	1.3	0
16-02-2026	11:00:00	29.5	28.4	27.2	32.6	30.8	27.1	169.2	1012.8	343.2	34.6	10.2	3.3	0
16-02-2026	12:00:00	31	30	29.1	37.1	34.3	30.2	224.5	1013.1	359.3	22	6.9	2.6	0
16-02-2026	13:00:00	32.4	31.4	30.6	38.6	35	31.1	260.2	1012.5	353.8	18.6	4.7	0.6	0
16-02-2026	14:00:00	32.4	31.6	30.8	40	34.8	30.4	270.3	1011.2	355.5	20	5.4	1.3	0
16-02-2026	15:00:00	32.5	31.6	30.8	46.1	40.3	33.8	250.9	1010.4	355.1	18	4.5	1.3	0
16-02-2026	16:00:00	33.1	32.5	32	36.3	32.6	28.9	203.1	1009.5	6	15.3	3.4	0.6	0
16-02-2026	17:00:00	33.6	32.8	32.2	31.5	29.6	27.7	136.5	1008.9	23.1	10.6	2.6	0	0
16-02-2026	18:00:00	33	32	29.9	39.5	31.3	26.5	57.9	1008.5	17.5	10	1.8	0	0
16-02-2026	19:00:00	30.2	28.6	27.3	41.9	38.9	36.8	2.5	1007.3	4.5	7.3	1.9	0	0
16-02-2026	20:00:00	27.6	27	26.3	49	45.1	41.1	0	1007.2	354.9	6	2.6	0	0
16-02-2026	21:00:00	27.1	26	24.9	54.6	49.1	43.2	0	1007.7	299.3	6.6	1.8	0	0
16-02-2026	22:00:00	25.3	24.6	24.1	59.2	57.3	54.1	0	1007.9	336.7	4.6	0.4	0	0
16-02-2026	23:00:00	24.5	23.1	21.9	57.3	52.3	46.4	0	1008.3	244.8	9.3	3	0	0
17-02-2026	00:00:00	23.1	22.6	22.2	47.3	46.4	45.3	0	1008.5	250.1	6	2.2	0	0
17-02-2026	01:00:00	23.3	22.7	22.2	49.6	48.3	46.7	0	1008.4	254.4	8	2.2	0	0
17-02-2026	02:00:00	23.7	22.9	22.2	52.2	48.8	46.4	0	1007.8	255.9	14.6	2.9	0	0
17-02-2026	03:00:00	23.1	22.5	21.9	57.5	55.2	52.3	0	1007.4	327	14.6	4.4	0	0
17-02-2026	04:00:00	22.6	21.8	21.3	58.4	55.1	53.1	0	1007.4	329.9	13.3	5.3	1.3	0
17-02-2026	05:00:00	21.6	20.9	20	64.3	61.6	58.3	0	1007.2	333.9	11.3	3.9	0	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
17-02-2026	06:00:00	20.7	20	19.4	65.4	64.5	63.4	0	1007.5	331	13.3	3.7	0	0
17-02-2026	07:00:00	21.5	21.1	20.3	63.7	60.9	59.7	0	1008.6	341.3	18.6	8.2	1.3	0
17-02-2026	08:00:00	21.3	20.9	20.5	63.7	60.6	57.8	2	1009.4	337.2	26	8.4	2.6	0
17-02-2026	09:00:00	22.6	22.1	20.8	64	59.8	58.3	49.8	1011.1	339.4	20.6	8.7	2.6	0
17-02-2026	10:00:00	24.7	23.3	22.3	58.9	57.6	56.5	84.5	1011.6	345	30	10.7	4	0
17-02-2026	11:00:00	26.7	25.6	24.3	57	52.7	49.8	157.1	1012.2	353.2	34	10	3.3	0
17-02-2026	12:00:00	28.4	27.1	26.1	51.9	48.4	43.8	211.7	1012.4	356.8	28.6	9.6	2.6	0
17-02-2026	13:00:00	29.7	28.6	27.6	47.2	43.4	39.5	245.7	1011.9	358.7	28	9.1	2.6	0
17-02-2026	14:00:00	31.1	30.2	29.1	43	39.1	36.5	252.5	1011.3	358.3	27.3	7.5	2	0
17-02-2026	15:00:00	31.6	30.9	30.2	44.5	41.1	35.8	232	1010.8	360	18.6	3.6	1.3	0
17-02-2026	16:00:00	32	31.5	30.8	38.7	35.8	32.6	187.1	1010.2	15	18	3.4	0.6	0
17-02-2026	17:00:00	31.6	30.2	29.2	47.5	43.4	35.7	119.7	1009.4	36.3	15.3	3.7	0.6	0
17-02-2026	18:00:00	29.8	28.4	27.4	56.4	51.5	46.4	46.4	1008.9	60.3	13.3	3.1	0	0
17-02-2026	19:00:00	27.8	26.5	25.4	62.8	59.3	55.4	1.7	1008.2	72	2.6	0	0	0
17-02-2026	20:00:00	25.8	25.3	24.8	65.7	63	61.4	0	1008.6	0	0	0	0	0
17-02-2026	21:00:00	25.3	24.2	23	63.2	61	58.5	0	1009	247.3	8	1.3	0	0
17-02-2026	22:00:00	23.6	23.2	22.7	58.7	57	56.1	0	1009.1	246.8	8	4.1	1.3	0
17-02-2026	23:00:00	23	22.6	22.3	61.4	59.5	57.6	0	1009	245.3	9.3	4.1	1.3	0
18-02-2026	00:00:00	22.7	22.2	21.5	64.3	62.1	61.1	0	1008.7	243.8	6.6	3.3	0	0
18-02-2026	01:00:00	21.9	21.2	20.7	66.4	65.2	64.1	0	1007.7	242.5	6.6	3.2	0.6	0
18-02-2026	02:00:00	23.5	22.5	20.9	76.5	69	61.5	0	1008	183.5	13.3	2	0	0
18-02-2026	03:00:00	23	22	21.3	67.3	64.3	62.6	0	1007.6	249.2	7.3	2.3	0	0
18-02-2026	04:00:00	21.7	21.1	20.5	68.3	65.8	63.5	0	1007.2	320.2	6.6	1.3	0	0
18-02-2026	05:00:00	20.8	19.9	19.4	70.6	69.6	68.1	0	1007.1	242.5	9.3	3.1	0.6	0
18-02-2026	06:00:00	20.3	19.8	19.4	68.9	64.8	60.2	0	1007.3	244.7	11.3	2.8	0.6	0
18-02-2026	07:00:00	20.9	20.4	19.8	61.7	59	57.5	0	1008.2	313.9	17.3	3.3	2	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
18-02-2026	08:00:00	20.6	19.9	19.3	63.2	61.6	59.6	2.5	1009.1	303.5	12	2.4	0.6	0
18-02-2026	09:00:00	23.2	21.8	20.3	59.7	55.6	52.1	38.5	1010.6	313.4	17.3	3.4	0.6	0
18-02-2026	10:00:00	26.3	24.7	22.9	52.9	44.9	39.6	87.1	1012.1	333.4	22	6.2	2	0
18-02-2026	11:00:00	29.2	27.6	26	40.3	37.8	35.1	162.5	1012.7	346.4	16	6.1	1.3	0
18-02-2026	12:00:00	30.5	29.3	27.9	40.2	36.3	32.4	220.7	1012.9	356.3	19.3	5.9	1.3	0
18-02-2026	13:00:00	32	30.6	29.7	38.3	35.2	29.6	257.2	1012.4	0.1	15.3	4.8	0.6	0
18-02-2026	14:00:00	33	32	31.2	37.3	33.2	29.8	269.1	1012.2	22.8	12	3	0.6	0
18-02-2026	15:00:00	32.8	32.2	31.6	39.3	33.1	29.4	249.3	1011.7	84.8	11.3	3.6	0	0
18-02-2026	16:00:00	32.6	32.1	31.4	39.4	35.3	30.8	201.7	1010.8	112.9	10.6	3.2	0.6	0
18-02-2026	17:00:00	31.8	30.6	29.9	41.5	36.9	30.9	132.6	1009.7	139.5	14	4.5	1.3	0
18-02-2026	18:00:00	30.2	29.6	28.6	43	40.1	37.2	53.8	1009.2	155.8	14	3.5	1.3	0
18-02-2026	19:00:00	29	27.9	26.7	47.5	43.1	38.9	2.5	1008.6	197.7	7.3	2.7	0	0
18-02-2026	20:00:00	27	26	25.1	52	50.1	47	0	1008.6	229.3	7.3	3.5	0.6	0
18-02-2026	21:00:00	25.5	24.9	24.1	49.4	47.9	46.9	0	1009.5	249.7	8	4.3	1.3	0
18-02-2026	22:00:00	24.7	24.2	23.6	49.6	48	46.9	0	1009.8	243.4	10.6	4.5	2	0
18-02-2026	23:00:00	24.2	23.9	23.4	49.5	47.8	46.8	0	1010.2	242.8	10.6	4.5	1.3	0
19-02-2026	00:00:00	24	23.5	23.1	53.3	48.2	46.7	0	1010	258.4	17.3	3.2	0.6	0
19-02-2026	01:00:00	24.2	23.4	22.5	58.6	55	52.2	0	1010.1	266.8	13.3	2.2	0	0
19-02-2026	02:00:00	22.7	22.2	21.5	63.4	60.9	58.3	0	1009.5	239.9	10	3	0.6	0
19-02-2026	03:00:00	22.1	21.5	21.1	67.2	65.1	63.1	0	1008.9	250.8	26.6	2.7	0.6	0
19-02-2026	04:00:00	22.4	21.8	20.9	68.9	66.7	65.6	0	1008.8	274.9	16.6	2.8	0.6	0
19-02-2026	05:00:00	21.5	21.1	20.7	72.1	70.3	68.7	0	1008.3	318	20.6	3.8	0.6	0
19-02-2026	06:00:00	22.1	21.4	20.7	74.4	70.1	64.5	0	1009.1	328.6	17.3	5	0.6	0
19-02-2026	07:00:00	23.2	22.3	21.1	76.1	72.9	66.8	0.1	1010	0.5	14	4.2	0.6	0
19-02-2026	08:00:00	23.1	22.5	22.1	77.2	76.1	74.9	5.1	1010.9	356	21.3	4.6	2	0
19-02-2026	09:00:00	24.6	24.1	22.3	75	70.4	68.9	53.5	1012.5	357.1	19.3	4	1.3	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
19-02-2026	10:00:00	26.5	25.5	24.2	69.6	63.6	60.6	79.3	1012.9	28.6	17.3	4.1	1.3	0
19-02-2026	11:00:00	27.9	27.1	26.1	60.9	57.3	54.2	160.6	1013.6	24.4	16	3.9	0.6	0
19-02-2026	12:00:00	29	28.4	27.5	55.7	54	52.4	216.1	1013.5	357.3	22	5.2	1.3	0
19-02-2026	13:00:00	30.2	29.3	28.6	54.4	52.1	49	246.9	1012.8	357.3	20	5.5	1.3	0
19-02-2026	14:00:00	31.8	30.5	29.7	51.1	48.2	45.1	245.3	1012.1	354.3	17.3	5.6	1.3	0
19-02-2026	15:00:00	33.1	32	31.2	46.2	42.7	38.7	215.1	1011.5	0.2	16	4.5	1.3	0
19-02-2026	16:00:00	33.2	32.4	31.7	43.9	40.4	36.3	167	1010.7	358.3	17.3	5.1	0	0
19-02-2026	17:00:00	33.1	31.9	30.6	47.8	41.3	34.3	109.6	1010.2	359.5	18	5.5	1.3	0
19-02-2026	18:00:00	30.8	29.7	29	54.5	52.4	47.7	41.2	1009.5	354.5	18	6.7	2	0
19-02-2026	19:00:00	29.7	29.1	27.7	62.6	50.5	43.3	1.3	1009.5	356.6	18.6	6.8	2	0
19-02-2026	20:00:00	28	27.4	26.9	67.9	65.7	62.3	0	1009.7	1.5	24	6.9	2.6	0
19-02-2026	21:00:00	27.4	26.9	26.5	69.8	67.5	65.5	0	1010.4	5.6	22.6	6.4	2	0
19-02-2026	22:00:00	27.2	26.6	26.1	71.9	69.9	66.2	0	1010.7	359.8	21.3	6.5	2	0
19-02-2026	23:00:00	26.7	26.3	25.9	72.3	71	70.2	0	1010.9	1.4	21.3	5.9	1.3	0
20-02-2026	00:00:00	26.5	25.9	25.4	75.3	73.7	71.7	0	1010.9	5.1	16.6	5.3	1.3	0
20-02-2026	01:00:00	26.2	25.6	25.1	76.4	75.6	74.4	0	1010.7	3.3	14.6	4.3	0	0
20-02-2026	02:00:00	26.1	25.5	25	77.7	76.4	74.4	0.1	1010.7	355.6	14.6	5.1	0.6	0
20-02-2026	03:00:00	26	25.5	25	75.9	74.9	74.2	0.1	1010.4	3.6	19.3	5.5	1.3	0
20-02-2026	04:00:00	25.9	25.4	24.7	76.4	74.5	72.8	0.2	1010.3	1.9	25.3	5.8	1.3	0
20-02-2026	05:00:00	25.6	24.9	24.3	77.6	76.4	75.1	0.5	1010.3	359.9	18.6	5.3	1.3	0
20-02-2026	06:00:00	25.2	24.7	24.1	76.4	73.5	71.9	0.1	1010.7	352.5	22	5.3	2	0
20-02-2026	07:00:00	24.9	24.4	23.9	75.3	74.1	72.8	0.1	1011.4	355.8	19.3	4.5	2	0
20-02-2026	08:00:00	24.7	24.2	23.7	74	72.8	70.9	4.1	1012.2	357.5	24	5.7	2	0
20-02-2026	09:00:00	25.4	24.6	23.8	73.3	70.8	68.1	36.9	1013.2	0	33.3	5.6	1.3	0
20-02-2026	10:00:00	27.1	26	24.9	68.4	64.8	60.6	78.2	1014.1	6.6	22.6	4.2	1.3	0
20-02-2026	11:00:00	28.5	27.8	26.7	61.7	59	56.7	149.4	1014.6	358.8	22.6	4.9	2	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
20-02-2026	12:00:00	30.2	29.1	28.1	59.2	56.6	53.8	199	1014.7	354.9	25.3	6.6	2	0
20-02-2026	13:00:00	31	30.2	29.4	55.6	53	49.6	221.4	1014.2	356.1	24	7.8	2	0
20-02-2026	14:00:00	31.3	30.6	29.8	52.8	50.9	48.5	223.1	1013.2	352.2	33.3	10.6	2.6	0
20-02-2026	15:00:00	31.4	30.8	30	54.6	52.4	50.9	173	1012.2	351.1	32	11.5	4	0
20-02-2026	16:00:00	31.2	30.5	29.8	56.7	54.9	52.4	130.3	1011.3	355.5	28.6	9.9	3.3	0
20-02-2026	17:00:00	30.8	30.2	29.6	60.7	58.4	55.4	97.4	1010.9	358.2	27.3	8.1	2	0
20-02-2026	18:00:00	30	29.1	28	68.5	64.1	60.5	31.4	1010.5	358	25.3	7.8	2	0
20-02-2026	19:00:00	28.4	27.6	26.9	73.2	71	68.3	0.8	1010.3	358.6	28.6	7.4	2.6	0
20-02-2026	20:00:00	27.4	27.1	26.7	76	74.3	73	0	1010.7	0.8	25.3	7.9	2.6	0
20-02-2026	21:00:00	27.3	26.6	26	79.9	78.3	75.7	0	1011	0.5	28.6	7.1	2	0
20-02-2026	22:00:00	26.9	26.3	25.7	80.4	79.8	79.1	0.1	1011.1	3.9	26	6.8	2.6	0
20-02-2026	23:00:00	26.6	26	25.4	81.1	80.3	79.6	0.4	1011.1	3.3	24.6	6.5	2	0
21-02-2026	00:00:00	26.3	25.7	25	81.1	80.2	79.7	0.7	1011.1	0.3	22	5.8	0.6	0
21-02-2026	01:00:00	25.8	25.2	24.5	82.5	81.3	80.6	1.2	1011.3	6.2	15.3	4.7	0.6	0
21-02-2026	02:00:00	25.6	24.9	24.1	83	81.8	80.1	1.5	1010.6	5.9	20	4.5	0	0
21-02-2026	03:00:00	25.1	24.4	23.8	81.2	80.4	79.8	1.2	1010.1	1.4	12	2.9	0	0
21-02-2026	04:00:00	24.7	24.1	23.6	80.1	78.7	77.4	0.8	1009.3	1.7	14.6	3.9	0	0
21-02-2026	05:00:00	24.6	24.1	23.5	79.1	78.1	77.2	1	1009.2	4.3	20.6	5	1.3	0
21-02-2026	06:00:00	24.5	23.9	23.3	79.3	78.4	77.4	1.3	1009.2	6.6	17.3	3.9	0	0
21-02-2026	07:00:00	24.6	24	23.3	79.8	78.6	77.6	1.6	1009.6	1.8	22	4.8	2	0
21-02-2026	08:00:00	24.5	23.8	23.3	79.3	78.1	76.7	6.1	1010.5	357.3	18.6	4.7	1.3	0
21-02-2026	09:00:00	26.1	24.9	23.7	76.7	72.3	67.7	39.7	1011.6	357	24	4.6	1.3	0
21-02-2026	10:00:00	27.8	26.9	25.7	68.7	62.9	57.9	79.1	1013.2	355.3	19.3	4.4	1.3	0
21-02-2026	11:00:00	28.9	28.3	27.6	58.8	55.4	53.4	173.4	1013.1	358.1	19.3	5	0.6	0
21-02-2026	12:00:00	30.2	29.3	28.4	55	52	48.2	230.3	1012.9	356.3	22	6.1	1.3	0
21-02-2026	13:00:00	31.8	30.5	29.6	50	47.5	43.6	266.9	1012	354.6	20.6	6.6	1.3	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
21-02-2026	14:00:00	34.8	32.8	31.4	46.1	40.5	32.8	279.5	1011	356.7	18.6	4.3	0.6	0
21-02-2026	15:00:00	35.2	34.4	33.7	36.7	33.6	29.7	261	1010.2	359.7	18.6	4.7	1.3	0
21-02-2026	16:00:00	35.7	34.8	34	37.5	35	31.6	211.1	1009.1	359.6	17.3	4.1	0	0
21-02-2026	17:00:00	35	33.9	33	41.1	39	35.5	138.1	1008.4	356.9	14.6	4.2	0	0
21-02-2026	18:00:00	33.7	32.4	30.2	53.7	45.3	39.6	52.9	1008.1	32.3	10.6	1.5	0	0
21-02-2026	19:00:00	30.6	29	28.2	58.5	55.7	53.1	2	1007	164.6	5.3	1.8	0	0
21-02-2026	20:00:00	28.7	28.1	27.4	61.2	56.4	54.9	0	1007.1	108.6	2	0	0	0
21-02-2026	21:00:00	27.8	26.9	25.9	63.4	61.3	59.6	0	1007.3	343.3	0.6	0	0	0
21-02-2026	22:00:00	26.5	26	25.4	66.8	63.9	59.8	0	1007.7	261.9	0.6	0	0	0
21-02-2026	23:00:00	26.3	25.6	25.1	67.9	64.5	62.4	0	1008.2	250.3	6	1.3	0	0
22-02-2026	00:00:00	26.2	25.7	25.3	66.2	64.3	62.8	0	1007.6	283.5	5.3	1.1	0	0
22-02-2026	01:00:00	25.8	25	24.3	67.9	66.2	64.5	0	1007.5	259.4	6	1.8	0	0
22-02-2026	02:00:00	25.3	24.6	23.9	68.7	66.5	65.6	0	1006.9	272.9	7.3	2.1	0	0
22-02-2026	03:00:00	24.3	23.4	22.6	68.7	66.3	64	0	1006.3	273.2	12.6	2.3	0	0
22-02-2026	04:00:00	24	22.7	21.9	71.3	67.8	63.1	0	1005.7	248.7	7.3	3.2	0.6	0
22-02-2026	05:00:00	22.7	22.4	21.9	71.3	70.3	69.4	0	1005.9	276.2	8.6	2.7	0	0
22-02-2026	06:00:00	22.5	22	21.1	69.9	68.9	67.9	0	1005.9	262.2	9.3	2.6	0	0
22-02-2026	07:00:00	21.7	21.2	20.7	71.5	70.3	69.3	0	1006.4	260.6	7.3	2.3	0	0
22-02-2026	08:00:00	22.3	21.2	20.7	70.5	68.6	66.2	3.5	1007.1	252.7	7.3	2.1	0	0
22-02-2026	09:00:00	27.1	24.7	22.1	66.4	58	50.3	44.9	1008.7	265	8	1.6	0	0
22-02-2026	10:00:00	30.6	28.5	26.6	53.6	50.3	47.2	72.7	1010	334.6	10.6	2.9	0	0
22-02-2026	11:00:00	31.4	30.7	30.1	48.8	46.7	45.3	177.3	1010.4	353.5	16.6	4.7	0	0
22-02-2026	12:00:00	32.4	31.4	30.5	47.6	44.4	40.6	234.8	1010.1	355.7	20.6	6	1.3	0
22-02-2026	13:00:00	33.5	32.4	31.4	44.9	41.6	38.1	267.2	1009.4	357.5	18	5.3	0.6	0
22-02-2026	14:00:00	34.8	33.2	32.2	45.4	41.6	38.1	276.3	1008.4	357.8	18	5.1	1.3	0
22-02-2026	15:00:00	35.5	34.5	33.5	41.3	37.1	32.2	233.1	1007.5	356.5	18.6	4.8	0.6	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
22-02-2026	16:00:00	35	33.9	32.4	45.3	38.2	28.8	175.8	1006.3	22	17.3	3.6	0.6	0
22-02-2026	17:00:00	35.2	34	32.6	37.7	32.1	27.3	138.4	1006	21.7	19.3	3.2	0.6	0
22-02-2026	18:00:00	34.2	32.9	30	49.6	32.2	23.5	51	1005.7	43.5	12	2.8	0	0
22-02-2026	19:00:00	30.2	29.1	28.6	55.7	53.5	48.7	1.1	1004.9	68.7	6.6	2.5	0	0
22-02-2026	20:00:00	29.3	28.7	28.1	55.6	50.6	46.8	0	1005.2	154.1	15.3	0.9	0	0
22-02-2026	21:00:00	29.2	28.7	27.8	48.1	46.5	44.5	0	1006.3	219.7	6.6	0.7	0	0
22-02-2026	22:00:00	28.5	27.9	27.2	48.1	46.7	45.6	0	1006.8	263.3	6	1.4	0	0
22-02-2026	23:00:00	27.8	26.8	26.1	54.4	52.4	47.3	0	1006.5	266.9	8	1.5	0	0
23-02-2026	00:00:00	26.5	26.2	25.9	53	51.3	49.8	0	1006	255.8	4.6	2.1	0	0
23-02-2026	01:00:00	26.7	26.3	25.8	52.9	51	49.3	0	1005.6	272	6	2	0	0
23-02-2026	02:00:00	26.5	26	25.4	52.3	50.5	49.4	0	1005.3	280.7	6.6	1.6	0	0
23-02-2026	03:00:00	25.8	25.1	24.7	56.6	55.1	52.1	0	1005.2	269.9	10.6	1.8	0	0
23-02-2026	04:00:00	25.1	24.4	24	58.4	56.7	55.5	0	1004.9	298.3	11.3	2.7	0	0
23-02-2026	05:00:00	24.6	23.7	23.1	62.7	60.7	57.8	0	1004.6	318.2	7.3	1.7	0	0
23-02-2026	06:00:00	24	23.4	22.8	62.2	60.6	57.1	0	1005	311.9	6.6	1.6	0	0
23-02-2026	07:00:00	24	23.5	23.1	58.7	56.3	53.9	0	1005.6	285.2	7.3	1.7	0	0
23-02-2026	08:00:00	23.9	23.2	22.5	59.2	57	54.3	2.5	1006.8	325.8	10.6	3.6	0	0
23-02-2026	09:00:00	27	25.5	23.6	55.4	49.5	47.4	41.2	1008.3	347.9	15.3	5.5	1.3	0
23-02-2026	10:00:00	28.6	28.1	26.7	53	51.1	49.5	74.1	1010.1	359.9	17.3	5.8	0.6	0
23-02-2026	11:00:00	30.2	29.1	28	52.5	49.1	42.2	176.3	1010.4	354.2	20.6	7.4	2	0
23-02-2026	12:00:00	31.8	30.7	29.6	47	41.8	34.7	231.7	1010.3	356.9	20.6	7.9	2.6	0
23-02-2026	13:00:00	32.4	31.7	31.1	37.9	34.8	31.7	263.3	1009.6	357.5	29.3	8.1	2.6	0
23-02-2026	14:00:00	32.3	31.6	31	40.9	37.1	31.8	268.9	1008.5	358	26.6	9.7	2.6	0
23-02-2026	15:00:00	33.7	32.6	31.8	40	36.9	32.3	256.5	1007.6	357	31.3	9.4	2	0
23-02-2026	16:00:00	34.4	33.7	33	36.8	33.6	29.6	209.5	1006.9	359.7	21.3	7.3	2	0
23-02-2026	17:00:00	34.2	33.4	32.2	43.3	36.7	31.3	138.6	1006.5	1	23.3	6.7	1.3	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
23-02-2026	18:00:00	32.8	32.1	31.4	43.3	38.6	35.5	45.9	1006.2	2.1	18.6	5.1	0.6	0
23-02-2026	19:00:00	31.6	30	29	51.1	44.8	36.4	1.9	1005.6	11.8	12	3.8	0	0
23-02-2026	20:00:00	29.7	29.3	28.9	51.5	45.9	43.9	0	1005.7	7.6	9.3	3.4	0	0
23-02-2026	21:00:00	29.3	28.5	27.8	64	57.5	51.2	0	1006.6	9.6	10	3.6	0	0
23-02-2026	22:00:00	28.1	27.5	27.1	70.9	67.2	64	0	1007	5.3	11.3	3.7	0	0
23-02-2026	23:00:00	28.7	28.2	27.4	64.7	57.4	53	0	1007.1	354.8	10	4.4	0	0
24-02-2026	00:00:00	28.6	28	27.3	61.2	56.9	52.9	0	1007.3	326.6	11.3	2.3	0	0
24-02-2026	01:00:00	28.3	27.8	27.4	57.8	53.9	50.8	0	1007.2	327.3	9.3	2.3	0	0
24-02-2026	02:00:00	27.8	26.5	25.5	56.9	55.1	52.7	0	1006.3	263	5.3	1	0	0
24-02-2026	03:00:00	26.3	25.7	25.1	56.4	54.3	52.6	0	1005.5	262.2	5.3	1.6	0	0
24-02-2026	04:00:00	26.2	25.6	25.1	57.1	52.4	50.1	0	1005.6	337.8	7.3	2.3	0	0
24-02-2026	05:00:00	25.4	24.5	23.4	68	62.3	57	0	1005.4	323.6	11.3	2.7	0	0
24-02-2026	06:00:00	23.8	23	22.5	69.1	65.5	62.6	0	1005.5	245.3	8.6	1.6	0	0
24-02-2026	07:00:00	23.6	23	22.5	62.8	59.2	57.2	0	1006.4	297.7	11.3	2.1	0	0
24-02-2026	08:00:00	23.9	22.7	22.2	61.9	61	58.1	3.4	1007.3	273.1	8.6	1.7	0	0
24-02-2026	09:00:00	27.9	27.6	23.6	58.3	43.4	43	75.3	1010.3	289.5	13.3	2.8	1.3	0
24-02-2026	10:00:00	30.6	29.3	27.6	43.5	40.7	37.7	70.7	1010.4	347.1	15.3	4.6	0.6	0
24-02-2026	11:00:00	31.2	30.4	29.8	51.1	46.4	40.2	177.3	1010.8	355.3	16	4.7	0.6	0
24-02-2026	12:00:00	32.3	30.9	30.2	54.9	46.2	39.6	231	1010.8	40.8	16.6	4.3	1.3	0
24-02-2026	13:00:00	34.1	32.5	31.2	44.5	37.4	29.4	265.5	1010.5	43.9	14	3.3	1.3	0
24-02-2026	14:00:00	36.4	34.8	33.4	34.4	30	21.8	271.7	1010.2	70.3	12	3	0.6	0
24-02-2026	15:00:00	37.2	36.4	35.8	31.7	27.9	21.1	254.2	1009.6	15.2	12.6	2.1	0	0
24-02-2026	16:00:00	37.2	36.3	35.6	28.4	26	23.7	203.9	1008.8	353.1	13.3	2.8	0.6	0
24-02-2026	17:00:00	36.6	35.3	34.4	36.7	32.3	26.9	128.8	1008.1	355.6	11.3	2.5	0	0
24-02-2026	18:00:00	35.4	33.7	31.5	47.9	36.9	30.3	55.4	1007.8	351.7	8.6	1.6	0	0
24-02-2026	19:00:00	32	30.2	29.1	52.4	48.9	42.4	1.5	1007.1	17	4	0.5	0	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
24-02-2026	20:00:00	29.9	29.3	28.4	44.2	40.8	37.9	0	1007.2	264	0.6	0	0	0
24-02-2026	21:00:00	29.1	28.4	27.7	44.3	42.4	39.6	0	1007.9	250.5	4.6	1.5	0	0
24-02-2026	22:00:00	28.1	27.6	27.3	43	40.6	38.7	0	1008.3	254	5.3	1.2	0	0
24-02-2026	23:00:00	27.9	26.9	26.3	68.7	60.6	38.9	0	1008.4	359	9.3	1.8	0	0
25-02-2026	00:00:00	27.5	26.7	26	59.2	53.3	44.4	0	1008.6	321.4	13.3	2.9	0	0
25-02-2026	01:00:00	27.5	26.7	25.9	49.8	47	43.8	0	1008.3	314.8	9.3	2.2	0	0
25-02-2026	02:00:00	27.6	26.7	25.9	52.9	49.1	44.2	0	1008	331.6	11.3	3.5	0	0
25-02-2026	03:00:00	28	27.5	26.4	48.1	41.7	39	0	1008	341.9	11.3	6	0.6	0
25-02-2026	04:00:00	27.6	25.8	24.5	53.2	49.3	41.2	0	1007.5	277.7	9.3	2	0	0
25-02-2026	05:00:00	25.1	24.7	24.3	52.4	49.7	47.5	0	1007.4	242.5	8	2.8	0	0
25-02-2026	06:00:00	24.9	24.3	23.8	49.7	48.5	47.3	0	1007.6	242.7	9.3	3.6	1.3	0
25-02-2026	07:00:00	24.4	24.1	23.7	48.3	47.7	47	0	1008.3	241.8	11.3	3.9	0.6	0
25-02-2026	08:00:00	25.7	24.5	23.8	47.3	46.1	43.5	3	1009.2	242	9.3	3.1	0.6	0
25-02-2026	09:00:00	29.6	28.4	25.4	44.1	37.3	34.9	61.2	1011.4	262.1	16	2.9	0.6	0
25-02-2026	10:00:00	31	30.2	29.3	44.7	37.5	32.1	65.3	1012.3	4.8	20	2.3	0	0
25-02-2026	11:00:00	32.6	31	29.9	42.2	38.4	35.4	182.5	1012.7	16.8	14	3.4	1.3	0
25-02-2026	12:00:00	32.6	31.9	31.4	41.5	38.9	34.9	241.8	1012.4	354.4	20	4.8	1.3	0
25-02-2026	13:00:00	33.1	32.4	31.6	43.9	40.2	36.9	270.9	1011.7	39.1	18	3.7	1.3	0
25-02-2026	14:00:00	33.4	32.4	31.4	45.5	40.7	36.2	277.3	1010.9	90.3	17.3	3.7	1.3	0
25-02-2026	15:00:00	33.4	32.3	31.2	45.9	41	34.8	252.6	1010.1	128.2	19.3	4.3	2	0
25-02-2026	16:00:00	33.5	32.7	31.8	43.3	39.3	36.2	211.9	1009.5	121.1	16.6	3.5	2	0
25-02-2026	17:00:00	34.4	33	32	50.8	40.2	30.3	144.3	1009.3	136.3	16.6	4	1.3	0
25-02-2026	18:00:00	32.6	31.6	30.1	56.2	45.7	39.4	62.8	1009.1	179	18	4.6	1.3	0
25-02-2026	19:00:00	30.4	29	27.9	65.5	61.3	56	1.8	1008.5	196.5	16.6	6.2	2.6	0
25-02-2026	20:00:00	28.2	27.6	26.9	67.2	65.1	61.3	0	1008.7	216.7	15.3	5	1.3	0
25-02-2026	21:00:00	28.4	27.9	27.1	61.4	47.5	40.2	0	1009.4	231.2	19.3	6.6	2	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
25-02-2026	22:00:00	28.1	27.2	26.5	41.9	41.1	40.5	0	1009.6	234.3	14.6	5.4	2	0
25-02-2026	23:00:00	26.9	26.1	25.3	42.2	41.4	40.8	0	1009.7	237.7	12.6	4.9	2	0
26-02-2026	00:00:00	25.8	24.8	24.2	48.1	44.1	41.7	0	1009.8	259.7	10	2.3	0	0
26-02-2026	01:00:00	26.1	25.6	24.6	54.1	51.2	47.7	0	1010	247.4	16.6	4.7	2	0
26-02-2026	02:00:00	25.6	24.7	23.9	58.7	56.2	53.9	0	1009.3	246	12.6	3.8	1.3	0
26-02-2026	03:00:00	24.3	23.8	23.3	61.4	59.1	57.9	0	1008.5	247	12	2.8	0.6	0
26-02-2026	04:00:00	23.7	23	22.3	66.6	64.2	61.2	0	1008.1	258.8	14.6	2.2	0.6	0
26-02-2026	05:00:00	22.7	22	21.3	70	68.3	66.4	0	1007.8	280.3	9.3	1.6	0	0
26-02-2026	06:00:00	21.7	21.2	20.4	74.7	71.5	69.8	0	1007.6	307.8	8	1.6	0	0
26-02-2026	07:00:00	20.8	20	19.3	78.9	76.8	74.4	0	1007.9	238.8	4.6	1.7	0	0
26-02-2026	08:00:00	22.3	20.2	19.2	79.3	76.7	71.3	3.4	1009	230.3	4.6	0.9	0	0
26-02-2026	09:00:00	26.7	24.5	22.1	72	63.4	54.9	51.6	1011.2	165.1	9.3	2.6	0	0
26-02-2026	10:00:00	30.3	28.8	26.2	55.4	45.1	37.5	58.4	1013	234.5	12	2.4	0	0
26-02-2026	11:00:00	31.5	30.1	28.7	51.7	43.9	34.9	196.3	1012.7	118.7	22.6	5.1	0	0
26-02-2026	12:00:00	30	29.3	28.6	50.7	48.4	46.5	255.7	1011.9	125.5	27.3	10.1	2	0
26-02-2026	13:00:00	30.1	29.5	29	52.4	50.5	48	289.6	1011	132.6	30.6	10.5	3.3	0
26-02-2026	14:00:00	30.8	30.2	29.4	53.2	49.6	46.6	301	1010	127.7	32	9.7	4.6	0
26-02-2026	15:00:00	33.4	32.4	30.4	49.6	36.8	32.5	284.6	1009.4	169.4	27.3	8.7	2.6	0
26-02-2026	16:00:00	33	32.4	31.6	36.9	35.3	33.7	241.2	1008.6	183.9	28.6	9.4	2.6	0
26-02-2026	17:00:00	32.4	31.5	30.6	39.9	37.4	33	173.7	1007.9	191.1	30	9.5	4	0
26-02-2026	18:00:00	31	30	28.3	49	43	38.6	86.7	1007.4	192.3	25.3	9	2.6	0
26-02-2026	19:00:00	28.6	27.1	25.7	56.7	52.2	47.9	0.3	1006.6	196.6	22	8.2	3.3	0
26-02-2026	20:00:00	26.1	25	24.1	60.2	58.1	56.1	0	1006.7	204.2	18	6.5	1.3	0
26-02-2026	21:00:00	24.4	23.7	23.2	65.3	62.2	59.9	0	1007	210.9	18.6	5.6	1.3	0
26-02-2026	22:00:00	23.8	23.3	22.8	70.2	67.8	65.1	0	1007.3	210.5	18.6	6.6	2	0
26-02-2026	23:00:00	23.3	22.8	22.3	71.1	70.5	69.8	0	1007.3	206.9	16	5.9	2	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
27-02-2026	00:00:00	22.7	22	21.5	71.5	70.8	69.8	0	1007	208.7	11.3	3.9	1.3	0
27-02-2026	01:00:00	22.1	21.4	20.7	71.3	70.2	69.6	0	1006.6	214.9	7.3	3.2	0.6	0
27-02-2026	02:00:00	21.1	20.8	20.1	73.6	72	70.9	0	1006	192.4	9.3	3	0.6	0
27-02-2026	03:00:00	20.5	19.9	19.6	76.1	75.3	73.4	0	1005.7	202.3	6.6	3.5	0.6	0
27-02-2026	04:00:00	20.2	19.6	19	78.9	76.5	74.9	0	1005.5	222.8	8	2.7	0.6	0
27-02-2026	05:00:00	19.6	19.2	18.8	79.6	79	78.4	0	1005.8	230.9	5.3	2.4	0	0
27-02-2026	06:00:00	19.9	19.4	18.8	80.5	79.2	78.1	0	1006.1	242.5	5.3	3.1	0.6	0
27-02-2026	07:00:00	20.1	19.6	18.9	80.8	79.2	78.4	0	1006.9	222	9.3	3.8	1.3	0
27-02-2026	08:00:00	21.7	19.7	18.8	82.1	79.9	74	4.3	1007.8	209.4	9.3	4	0.6	0
27-02-2026	09:00:00	26.3	26.1	21.3	74.2	57.7	57.2	89	1010.7	200.2	16	156.7	1.3	0
27-02-2026	10:00:00	30	28.2	26	57.8	50.5	45	73	1011.4	223.3	13.3	3.2	0	0
27-02-2026	11:00:00	30.8	29	27.5	56.1	49.1	42	163.1	1011.4	35.7	50.6	2.4	0.6	0
27-02-2026	12:00:00	30.1	29.1	27.8	54.7	51.2	48	248.9	1010.8	65	20	6.3	2	0
27-02-2026	13:00:00	30.6	29.8	28.9	53.2	50.1	46.9	293	1010	101.1	24.6	6.6	2	0
27-02-2026	14:00:00	30.6	29.6	28.8	53.2	49.2	46.1	290.5	1009	109.8	28.6	8.6	2.6	0
27-02-2026	15:00:00	30.4	29.7	29.1	53	50.2	46.3	278.2	1008.1	125.1	25.3	9.1	3.3	0
27-02-2026	16:00:00	30.2	29.7	29.2	51	48.2	45.8	231	1007.4	140.3	30	9.5	2.6	0
27-02-2026	17:00:00	30.4	29.8	29.2	49.1	46.7	44.7	161.9	1006.8	175	28.6	9	2.6	0
27-02-2026	18:00:00	30	28.5	27.1	57.7	52.4	46.9	73.3	1006.4	179.1	26	8.3	2.6	0
27-02-2026	19:00:00	27.3	26.4	25.7	64	61	57.3	2.1	1005.5	196.3	25.3	8.1	2	0
27-02-2026	20:00:00	26	25.6	25.1	66.6	65.4	63.6	0	1005.6	202.1	20	7.8	2	0
27-02-2026	21:00:00	25.5	24.9	24.5	68.7	67.5	66.4	0	1006.6	206.8	18	6.2	1.3	0
27-02-2026	22:00:00	25	24.4	23.9	70.8	69.8	68.4	0	1006.7	211.4	19.3	6.8	2	0
27-02-2026	23:00:00	24.7	24.3	24	70.4	69.2	68.5	0	1006.7	213.3	19.3	6.5	2.6	0
28-02-2026	00:00:00	24.7	24.3	23.7	70.2	68.5	67.9	0	1006.6	221.9	20	6.7	2	0
28-02-2026	01:00:00	24.1	23.6	23.2	72.3	71.3	70.1	0	1006.4	228.7	22	6.5	2.6	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
28-02-2026	02:00:00	23.8	23.4	22.9	72.3	71.9	71.3	0	1005.6	230.5	20	5.5	2	0
28-02-2026	03:00:00	23.3	22.8	22.4	72.6	71.5	69.4	0	1005	234.9	14.6	4.7	1.3	0
28-02-2026	04:00:00	23.4	23	22.5	69.5	63.4	60	0	1004.7	249.1	16	4.6	1.3	0
28-02-2026	05:00:00	23.3	22.7	22	62	60.9	60.3	0	1004.5	244.9	14.6	3.3	1.3	0
28-02-2026	06:00:00	22.4	22	21.7	64.3	62.8	61.7	0	1004.7	247.3	13.3	2.6	0.6	0
28-02-2026	07:00:00	22.1	21.7	21.3	67.1	65.7	64	0	1005.4	256.2	12.6	2.3	1.3	0
28-02-2026	08:00:00	23.5	22	21.3	68.1	66.3	62.3	4.9	1006.8	243.7	13.3	2.4	0.6	0
28-02-2026	09:00:00	26.3	25	23.2	62.5	57.1	53.8	55.1	1008.7	307.4	23.3	3.7	1.3	0
28-02-2026	10:00:00	28.6	27.2	25.9	54.5	49.8	43.6	68	1010	337.4	22	8.4	2.6	0
28-02-2026	11:00:00	30.3	29.3	28.2	45.1	40.8	36.9	197	1010.5	344.3	24	7.4	1.3	0
28-02-2026	12:00:00	31.9	31	29.8	41.1	35.9	31.5	256.6	1010.8	358	24.6	5.1	2	0
28-02-2026	13:00:00	31.5	31	30.4	42.1	39.9	35.9	291.8	1009.8	22.7	20	4.6	1.3	0
28-02-2026	14:00:00	32	31.1	30.2	44.6	39.8	35.4	302	1008.9	48.7	20	5.3	2	0
28-02-2026	15:00:00	31.4	30.8	30	47.6	45	41.9	277	1008.3	63	20	7.1	0.6	0
28-02-2026	16:00:00	32.6	31.3	30.2	48.7	41.9	33.9	226.8	1007.4	54	22	7.5	2	0
28-02-2026	17:00:00	33	32	31.2	45.6	41.5	33.7	157	1006.8	11.2	19.3	4.2	2	0
28-02-2026	18:00:00	31.6	31	30	49.4	39.2	29.2	71	1007	138.4	18	2	0.6	0
28-02-2026	19:00:00	30.2	29	27.7	40.9	36.5	33.6	2.2	1006.6	212.3	18.6	5.6	1.3	0
28-02-2026	20:00:00	28	27	26.2	44.2	42.8	40.7	0	1006.6	227.5	18	5.8	2	0
28-02-2026	21:00:00	26.7	26.2	25.6	54.5	47.2	43.7	0	1006.9	228.5	20	7.6	3.3	0
28-02-2026	22:00:00	26.1	25.5	25	60.5	58.5	54.3	0	1007.5	232.3	23.3	7.3	2	0
28-02-2026	23:00:00	25.5	25.1	24.9	60	56.4	53.1	0	1007.6	235.2	20.6	6.6	2.6	0
01-03-2026	00:00:00	25.3	24.8	24.3	53.4	51.1	49.2	0	1007.5	236.5	13.3	5.1	1.3	0
01-03-2026	01:00:00	24.7	24.3	23.9	49.9	49.4	49.1	0	1007.1	238.5	12	4.6	1.3	0
01-03-2026	02:00:00	24.2	23.7	23.1	51.4	50.3	49.5	0	1006.8	238.9	10	4	1.3	0
01-03-2026	03:00:00	23.5	22.8	22.2	61	55	51.3	0	1006.3	245.7	8	2.8	0	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
01-03-2026	04:00:00	24	23.5	22.9	62.2	61.6	60.7	0	1005.8	247.2	14	4.6	1.3	0
01-03-2026	05:00:00	23.6	22.8	22.3	62.8	62	60.7	0	1005.6	249.8	16	3.1	1.3	0
01-03-2026	06:00:00	22.5	21.9	21.3	63.4	62.2	61.7	0	1006	249.6	11.3	2.7	0.6	0
01-03-2026	07:00:00	21.7	21.3	20.7	67.5	64.9	63	0	1006.8	298.2	13.3	2.4	1.3	0
01-03-2026	08:00:00	22.7	21.3	20.7	67.5	66	61.3	5.4	1007.8	308.8	14	3.2	0	0
01-03-2026	09:00:00	26.3	24.4	22.4	61.5	54.6	48.7	55.5	1009.4	311.4	20.6	3.5	1.3	0
01-03-2026	10:00:00	29.1	27.6	25.9	49.7	44.3	38.1	67.8	1011	339.7	21.3	5.4	1.3	0
01-03-2026	11:00:00	30.1	29.2	28.5	45.6	43.1	40.5	195.7	1011.6	358.3	22.6	5.8	0.6	0
01-03-2026	12:00:00	30	29.6	29.2	47.9	45.5	42.7	255.2	1011.8	11.6	23.3	4.3	1.3	0
01-03-2026	13:00:00	30.8	30	29	49.7	47.9	45.9	290.6	1011.1	34.5	16	3.9	1.3	0
01-03-2026	14:00:00	32	31	29.9	51.2	47.8	43.4	301	1010.5	47.1	14.6	4	0.6	0
01-03-2026	15:00:00	33.4	32.4	31.2	48.1	43.6	40.7	283.5	1009.8	39.2	15.3	3.5	0.6	0
01-03-2026	16:00:00	33.7	32.4	31.2	49.8	43.9	33.4	240.4	1009.1	57.9	17.3	4.6	1.3	0
01-03-2026	17:00:00	35.4	34.4	33.3	40.1	30.8	22.8	173.5	1008.8	3.6	12.6	2.8	0	0
01-03-2026	18:00:00	35.4	33	31.1	41.5	36	24	77.1	1008.6	74.9	10.6	2.9	0	0
01-03-2026	19:00:00	31.4	29.7	28.4	48.8	41.5	33.2	1.8	1007.2	159.1	4	0.5	0	0
01-03-2026	20:00:00	28.9	28.6	28.2	41.8	36	32.8	0	1007.3	180.6	5.3	0.6	0	0
01-03-2026	21:00:00	28.8	28	27.4	43.6	37	33.9	0	1007.9	247.6	3.3	0.4	0	0
01-03-2026	22:00:00	28	26.3	24.9	46.6	42.8	36.8	0	1008.5	247.7	6.6	2.8	0	0
01-03-2026	23:00:00	25.3	24.7	24.1	50.3	48.6	46.4	0	1008.8	246.7	7.3	3.6	0	0
02-03-2026	00:00:00	25	24.4	23.9	51.3	50.1	48.4	0	1008.7	246.5	7.3	3.8	0	0
02-03-2026	01:00:00	24.3	23.5	22.6	56.2	53.2	50.9	0	1008.2	247.7	7.3	3.4	0.6	0
02-03-2026	02:00:00	22.9	22.5	22.3	60.2	58.4	56	0	1007.7	248.7	5.3	2.7	0	0
02-03-2026	03:00:00	23.2	22.6	22.3	61.2	60.4	59.9	0	1007.4	258.6	6.6	1.5	0	0
02-03-2026	04:00:00	23.5	23	22.3	63.3	60.6	59.3	0	1006.9	265.6	14	2.1	0.6	0
02-03-2026	05:00:00	22.6	22.2	21.9	64.9	64.1	63.2	0	1006.9	251.3	10	2.4	0	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
02-03-2026	06:00:00	22.5	22	21.5	65.8	64.7	63.6	0	1007.3	257.1	12	2.2	1.3	0
02-03-2026	07:00:00	21.9	21.1	20.6	68.3	67.2	65.5	0	1008	243.6	8	2.8	0	0
02-03-2026	08:00:00	23.9	21.7	20.6	68.5	65.2	58.8	5.9	1009.6	302.3	4.6	0.3	0	0
02-03-2026	09:00:00	26.5	26.3	23.6	58.9	49.4	49.2	96.9	1012.4	335.7	14.6	6.6	0	0
02-03-2026	10:00:00	29.4	28	26.3	49.6	47.4	45.4	66.4	1013	344.3	14	4.6	0.6	0
02-03-2026	11:00:00	30.8	29.9	28.9	48	45.6	43.2	193.8	1013.7	354.8	22	4.7	1.3	0
02-03-2026	12:00:00	31.6	30.4	29.2	49.3	46.7	44.2	253.8	1013.6	356.9	22	6.2	1.3	0
02-03-2026	13:00:00	33.3	32.3	31	47.3	43.3	37.9	291.3	1013.4	9.4	14.6	3.8	0.6	0
02-03-2026	14:00:00	33.3	32.1	31.4	49.4	45.2	37.5	300.6	1012.4	56.2	16	6	0.6	0
02-03-2026	15:00:00	34.2	33	32.2	47.4	42.6	36.4	276.4	1011.7	54	15.3	5.6	0.6	0
02-03-2026	16:00:00	34.3	33.5	32.7	45.6	41.7	38.5	227.3	1010.8	59	15.3	5.4	1.3	0
02-03-2026	17:00:00	33.2	32.6	32	48.4	44.9	40.2	156.7	1010.2	66.7	15.3	4.7	0.6	0
02-03-2026	18:00:00	33.3	31.8	30.7	45.3	42.8	38.5	71.6	1010	135.2	10.6	4.2	0	0
02-03-2026	19:00:00	31	29.4	28.1	61.1	54.1	42.8	2.1	1009.1	108.3	6	0.6	0	0
02-03-2026	20:00:00	28.6	28.3	27.9	58.4	53.9	48.3	0	1009.1	173.3	2.6	0.5	0	0
02-03-2026	21:00:00	28.6	27.8	27.2	52.9	43.8	39.3	0	1009.7	244.3	4.6	1.2	0	0
02-03-2026	22:00:00	27.8	26.9	25.9	42.6	41.2	38.4	0	1010.3	247.3	5.3	1.3	0	0
02-03-2026	23:00:00	26.3	25.9	25.5	42.6	41.3	39.2	0	1010.5	247.2	6.6	3.6	0	0
03-03-2026	00:00:00	26.3	25.6	24.9	43.5	41.4	39.2	0	1010.5	246.6	7.3	3.9	1.3	0
03-03-2026	01:00:00	25.3	24.6	24.1	47.2	45.6	43.2	0	1010.2	245.7	8.6	4.4	1.3	0
03-03-2026	02:00:00	25.1	24.6	24.1	47.8	46.2	45.3	0	1009.8	247.7	6	2.8	0	0
03-03-2026	03:00:00	24.5	23.7	23.1	54.5	51.3	47.5	0	1009	312.7	6	0.8	0	0
03-03-2026	04:00:00	24.2	23.7	22.9	62.7	57.5	53	0	1008.7	325.4	7.3	1.4	0	0
03-03-2026	05:00:00	23.5	22.5	21.7	67.3	64.1	61.3	0	1008.5	336.4	12.6	2.7	0	0
03-03-2026	06:00:00	24	23.5	22.8	66.4	64.1	62.1	0	1009	326.1	18	4.6	0.6	0
03-03-2026	07:00:00	23.2	22.2	21.7	69.4	66.9	63.7	0	1009.3	242.3	8	2.5	0	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
03-03-2026	08:00:00	24.7	22.6	21.7	70.2	68.2	62.7	5.7	1010.2	245.3	6.6	2.1	0	0
03-03-2026	09:00:00	27.9	27.7	24.5	62.8	51.5	50.6	90.2	1013	329.3	20	7.4	0.6	0
03-03-2026	10:00:00	30.6	29.5	27.6	52	44.2	41.1	68.9	1013.9	337.3	22.6	8.9	2.6	0
03-03-2026	11:00:00	32.7	31.6	30	45.1	41.8	39.2	193.3	1014.2	356.5	26	6.4	1.3	0
03-03-2026	12:00:00	33.2	32.5	32	45.4	42.8	38.5	254	1014.3	358.2	20	5.4	1.3	0
03-03-2026	13:00:00	34.3	33.6	32.2	47.6	42.8	37.6	289.1	1013.8	355	23.3	5	1.3	0
03-03-2026	14:00:00	35.6	34.4	33.2	41.9	37.4	33.1	297.7	1013.2	358.7	22.6	5.7	1.3	0
03-03-2026	15:00:00	36.2	35.4	34.8	37.9	33.8	28.8	276.1	1012.5	358.1	19.3	5.8	1.3	0
03-03-2026	16:00:00	37.4	36.7	36	29.9	27.8	24.5	225.2	1011.8	356.9	16	4.2	0	0
03-03-2026	17:00:00	37.7	36.7	36	26.7	24.4	20.9	151	1011.2	359.1	13.3	3.3	0	0
03-03-2026	18:00:00	37.9	37	35.6	24.5	22.1	20.2	66.6	1011.2	2.4	7.3	1	0	0
03-03-2026	19:00:00	35.9	33.6	31.9	30.7	26.9	23.4	2.5	1010.4	18.3	2.6	0.2	0	0
03-03-2026	20:00:00	32.3	31.6	30.5	36	30.8	28.1	0	1010.3	8.3	1.3	0	0	0
03-03-2026	21:00:00	31	30.3	29.4	37.1	34.4	32.2	0	1010.8	341.6	0.6	0	0	0
03-03-2026	22:00:00	29.9	29.4	28.7	36.4	35.2	34.4	0	1011	0	2.6	0	0	0
03-03-2026	23:00:00	30	29.6	29.2	43.9	40	36	0	1011.2	4.1	13.3	3.8	0	0
04-03-2026	00:00:00	30	29.3	28.4	49.1	46.3	43.3	0	1011	352.9	11.3	5	1.3	0
04-03-2026	01:00:00	29	28	27.3	59.8	55.3	48.8	0	1010.7	337.3	10	3.9	0	0
04-03-2026	02:00:00	28.2	26.9	25.5	56	54.6	52.4	0	1010.1	279.8	8	2	0	0
04-03-2026	03:00:00	26.5	25.9	25.3	53.2	50.8	48.9	0	1009.8	319.2	12.6	3.8	0.6	0
04-03-2026	04:00:00	26.5	25.3	24.5	55.3	53.6	50.5	0	1009.5	251.8	11.3	2.8	1.3	0
04-03-2026	05:00:00	25.3	24.8	24.4	56.1	55	54.2	0	1009.5	248.4	10	2.6	0	0
04-03-2026	06:00:00	25.5	25.1	24.8	55.3	54.1	53.5	0	1010	307.7	14.6	3.7	0.6	0
04-03-2026	07:00:00	25.1	24.4	24.1	57.4	56.2	54.1	0	1010.4	312.2	12	3.5	0.6	0
04-03-2026	08:00:00	26.2	25.1	24.3	54.7	52.5	50.2	6.4	1011.6	320.8	14.6	3.9	0.6	0
04-03-2026	09:00:00	29.6	27.7	25.9	50.4	45.8	40.7	56.9	1013.5	336.6	18	6.1	0	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
04-03-2026	10:00:00	31.2	30.2	29.2	45.7	42.3	40.3	72.5	1015.1	355.2	19.3	7.1	1.3	0
04-03-2026	11:00:00	32.7	31.6	30.8	43.8	38.9	31.8	193	1015.4	359.9	20.6	6.5	2	0
04-03-2026	12:00:00	34	33.1	32	38.9	35.8	31.7	258.4	1015.4	355.6	18.6	5.5	1.3	0
04-03-2026	13:00:00	36	35	33.7	35.1	27.7	23.9	296.4	1015.1	358	20.6	5.1	0.6	0
04-03-2026	14:00:00	37.2	35.8	34.4	34.3	30.2	26.1	306.2	1014.2	360	18.6	4	1.3	0
04-03-2026	15:00:00	37.8	36.6	35.9	29.1	26.5	23.9	286.6	1013.5	356.3	20	5.4	1.3	0
04-03-2026	16:00:00	38.7	37.6	36.3	27.2	23.9	21.8	240.7	1012.5	354.6	17.3	4.4	1.3	0
04-03-2026	17:00:00	38	37	36	32.3	29.1	24.6	166.8	1011.8	22.6	12.6	3.2	0	0
04-03-2026	18:00:00	36.7	35.1	33.8	39.1	36.2	31.7	75.2	1011.2	31.7	9.3	2.6	0	0
04-03-2026	19:00:00	34.2	32.4	31.7	41.6	37.6	33	2	1010.4	8.1	6.6	2.2	0	0
04-03-2026	20:00:00	32.2	31.2	30.5	35.8	32.6	30	0	1010.5	331.6	6	0.5	0	0
04-03-2026	21:00:00	31.8	31.3	29.9	36.8	32.1	29.7	0	1011.2	331	6.6	2.2	0	0
04-03-2026	22:00:00	30.2	29.5	28.8	37.7	36.1	34.1	0	1011.2	255	4.6	1.8	0	0
04-03-2026	23:00:00	30.1	29.1	28.2	39.3	36	33.1	0	1011.4	270.8	5.3	0.8	0	0
05-03-2026	00:00:00	29	27.6	26.7	46.6	40.4	36	0	1011.1	319	16.6	2.5	0	0
05-03-2026	01:00:00	29	27.6	26.6	50.4	45.7	38.3	0	1010.8	333.5	26.6	10.4	2.6	0
05-03-2026	02:00:00	29.2	28.2	27.3	45.8	41.3	38.4	0	1010.6	335.4	23.3	10.9	3.3	0
05-03-2026	03:00:00	27.6	26.5	25.5	49.6	46.5	43.5	0	1009.9	335.5	17.3	7.2	2.6	0
05-03-2026	04:00:00	26	25.1	24.3	56.1	51.8	46.5	0	1009.8	330.7	11.3	4.7	0	0
05-03-2026	05:00:00	25.5	24.7	24.2	56.6	52	47.8	0	1009.6	326.8	18	5.4	0.6	0
05-03-2026	06:00:00	25.7	25.2	24.5	50.3	47.7	46.4	0	1010.2	334	19.3	7.7	2.6	0
05-03-2026	07:00:00	24.9	24.2	23.7	51.5	50.2	48.9	0	1010.4	335.7	16.6	7.2	0.6	0
05-03-2026	08:00:00	25.5	24.5	23.9	53.3	51.4	49.3	6.9	1011.3	335.5	14	7.1	1.3	0
05-03-2026	09:00:00	28.4	28.1	25.1	49.5	41.6	41	89.1	1014.3	346.1	18.6	7	1.3	0
05-03-2026	10:00:00	30	29.3	28.1	48.6	45.1	40.7	77.4	1014.4	358.9	23.3	5.8	0.6	0
05-03-2026	11:00:00	31.6	30.6	29.6	47.9	45.4	41.7	192	1014.9	356	22	5	2	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
05-03-2026	12:00:00	32.3	31.5	30.6	49.4	46.7	43.4	259.7	1014.8	356.9	18	5.1	1.3	0
05-03-2026	13:00:00	33.4	32.6	31.8	50.8	48.3	45.6	294.1	1014	17.5	16.6	3.6	1.3	0
05-03-2026	14:00:00	35.5	34	32.3	50.1	43.8	39	301.8	1013.4	41.6	16	3.9	1.3	0
05-03-2026	15:00:00	36.2	35.2	34.4	42.2	38.6	33.8	283.4	1012.1	9.4	24.6	4.8	2	0
05-03-2026	16:00:00	36.4	35.7	34.9	39.5	35.6	32.4	234.9	1011.1	49.4	23.3	6.1	1.3	0
05-03-2026	17:00:00	36.2	35.3	34.5	42.9	36	30.1	161.6	1010.4	50.8	19.3	5	1.3	0
05-03-2026	18:00:00	35.5	34.3	32.1	45.7	37	32	73	1009.9	43.5	11.3	3.1	0	0
05-03-2026	19:00:00	32.4	31.1	29.8	50	46.3	43.3	2.5	1008.8	85.3	6.6	0.8	0	0
05-03-2026	20:00:00	30.1	29.4	28.9	50.1	49.1	47.9	0	1008.6	194.1	2.6	0	0	0
05-03-2026	21:00:00	29.2	28.3	27.5	52.5	51.2	49.8	0	1009	246.7	5.3	1	0	0
05-03-2026	22:00:00	28.2	27.4	26.7	51.6	49.1	43.4	0	1009.5	249.5	6.6	3.6	0.6	0
05-03-2026	23:00:00	27.4	26.5	25.7	43.6	41.8	38.5	0	1009.9	242.6	6.6	2.7	0	0
06-03-2026	00:00:00	27.8	27.2	26.3	38.8	37.1	35.5	0	1010	257.2	8	2.1	0.6	0
06-03-2026	01:00:00	27.6	26.7	25.8	41.7	39.9	38.1	0	1009.3	255.2	7.3	1.9	0	0
06-03-2026	02:00:00	26.6	26	25.5	48.7	44	41.3	0	1009	338.3	13.3	4.4	0	0
06-03-2026	03:00:00	26.1	25.6	24.9	49	45.9	42.2	0	1008.6	335	16	6.5	1.3	0
06-03-2026	04:00:00	25.3	24.6	23.9	48.3	44.5	43.4	0	1008.1	321.2	14	4.4	2	0
06-03-2026	05:00:00	24.3	23.4	22.9	46	45.3	44.2	0	1007.5	308.7	17.3	2.8	1.3	0
06-03-2026	06:00:00	23.5	22.6	21.7	50.4	48.2	45.3	0	1007.5	280.9	14.6	2.4	0.6	0
06-03-2026	07:00:00	22.1	21.7	21.3	54.9	51.9	50.1	0	1007.8	272.4	8	1.7	0	0
06-03-2026	08:00:00	23.3	21.9	21.1	57.1	55.4	52.5	7.5	1009.1	328.4	16.6	5	1.3	0
06-03-2026	09:00:00	26.2	25.6	23	52.7	48	47.5	90.4	1011.7	333.5	16.6	7.3	2	0
06-03-2026	10:00:00	28.4	27.2	25.9	52.7	50.4	47.9	81.4	1012.1	342.1	24	8.5	2.6	0
06-03-2026	11:00:00	29.4	28.6	27.7	51.2	49.5	46.8	191.1	1012.5	355.5	24.6	6.4	2	0
06-03-2026	12:00:00	30.3	29.5	28.6	51.4	49.9	47.8	268.6	1012.6	0.5	19.3	3.9	2	0
06-03-2026	13:00:00	31	30.3	29.5	51.3	49.1	47.3	306	1012.1	11.8	20.6	4.4	2	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
06-03-2026	14:00:00	31.5	30.8	30	54.8	50.9	47.9	313.3	1011	45.3	23.3	6.3	2	0
06-03-2026	15:00:00	32.4	31.5	30.4	55.2	52	48.2	292.3	1010.2	58.7	19.3	6.4	1.3	0
06-03-2026	16:00:00	34.2	33.2	32	50.2	44.4	40	245.9	1009.7	93.7	16	4.4	1.3	0
06-03-2026	17:00:00	34.1	32.8	32	47.1	43.5	35.5	176	1009.1	126.6	16.6	6	2	0
06-03-2026	18:00:00	33.1	32.4	31.7	42.1	37.2	33	84.5	1008.7	142.8	13.3	4.8	0.6	0
06-03-2026	19:00:00	32	30.5	29.3	38.5	32.4	27.7	1.6	1007.6	198.5	8	2.9	0	0
06-03-2026	20:00:00	29.7	28.5	27.4	38.8	36.5	34.3	0	1007.7	223.8	9.3	3.6	0	0
06-03-2026	21:00:00	27.9	27.3	26.7	38.3	32.6	31.1	0	1008.1	236.8	10	5.1	1.3	0
06-03-2026	22:00:00	27	26.1	25.6	44.5	41.3	38.1	0	1008.4	240.7	10	4.2	0.6	0
06-03-2026	23:00:00	26.1	25.2	24.3	53.5	48.3	44.3	0	1008.5	246.2	7.3	3.1	0	0
07-03-2026	00:00:00	25.1	24.5	24	56.4	54.3	53.2	0	1008.1	246	6	1.6	0	0
07-03-2026	01:00:00	24.6	23.9	23.4	57.3	55.2	53.1	0	1007.7	273	6	1.6	0	0
07-03-2026	02:00:00	23.6	23	22.3	61.3	56.9	55.4	0	1007.3	247.4	6	2.5	0	0
07-03-2026	03:00:00	24.3	23.3	22.1	65.1	61	57.9	0	1006.9	5.8	6	1.4	0	0
07-03-2026	04:00:00	23.9	23	21.9	65.5	62.6	59.4	0	1006.6	331.4	6.6	1.5	0	0
07-03-2026	05:00:00	22.8	22.4	21.9	66.1	63.4	61.5	0	1006.7	322.5	10.6	2.7	0	0
07-03-2026	06:00:00	22.5	22.2	21.7	64.1	63.4	62.8	0	1007	308.6	10.6	3.1	0.6	0
07-03-2026	07:00:00	22.1	21.7	21.4	66.5	65.7	63.9	0	1007.7	306.2	8.6	2.2	0.6	0
07-03-2026	08:00:00	23.7	22.1	21.3	67.4	66	63.4	8.2	1009.1	331.8	10.6	4.3	0.6	0
07-03-2026	09:00:00	26.9	25.5	23.4	63.5	58.3	53.5	63.2	1010.8	338.6	17.3	6.6	2	0
07-03-2026	10:00:00	29.5	28.6	26.6	55.3	50.3	48	93.2	1012.8	359.6	18	4.1	1.3	0
07-03-2026	11:00:00	30.4	29.5	28.8	51.9	50.2	47.5	174.4	1012.7	356.3	18	4.6	0.6	0
07-03-2026	12:00:00	31.3	30.4	29.6	53.3	50.6	48	267.5	1012.9	358.3	17.3	3.7	2	0
07-03-2026	13:00:00	32.9	31.2	30.2	53	48.9	42.5	304.6	1012.3	358.4	18	4.2	0.6	0
07-03-2026	14:00:00	34.9	33.6	32.5	47.3	42.8	35.1	314.8	1011.7	359.4	15.3	3.5	1.3	0
07-03-2026	15:00:00	37.2	36.3	34.5	36.2	27.3	21.8	295.4	1011.1	1	12	3.3	0.6	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
07-03-2026	16:00:00	37.6	36.5	35.5	29.2	23.8	19.4	247.7	1010.4	355.7	17.3	5.1	0.6	0
07-03-2026	17:00:00	37.1	36.6	35.8	30.3	25.4	21.1	175.9	1010	353.8	12	3.3	0.6	0
07-03-2026	18:00:00	36.3	35.2	33.7	33.6	31.1	28.4	83	1009.8	359.6	10	2.2	0	0
07-03-2026	19:00:00	34	31.3	29.4	49.4	42.1	31.5	1.8	1008.5	28.5	4.6	1	0	0
07-03-2026	20:00:00	29.8	29.3	28.8	54.6	51.6	48.4	0	1008.4	27.2	2.6	0.1	0	0
07-03-2026	21:00:00	29.2	28.7	28	52.1	48.2	45.1	0	1008.9	324	6.6	0.5	0	0
07-03-2026	22:00:00	29	28.2	27.6	53	47.9	42.2	0	1009.3	335.3	9.3	3.4	0	0
07-03-2026	23:00:00	28	26.9	26.1	56.2	52.1	49.8	0	1009.2	192.2	6.6	0.7	0	0
08-03-2026	00:00:00	27.4	26.1	24.7	52.3	49.9	47.7	0	1009.2	258.7	7.3	1.4	0	0
08-03-2026	01:00:00	26.5	25.8	24.8	50	44.2	41.8	0	1009.1	250.4	9.3	2.5	0	0
08-03-2026	02:00:00	26.9	26	25.4	46.5	44.7	43.3	0	1008.8	260	6	1.8	0	0
08-03-2026	03:00:00	27.1	26.4	25.7	57.3	48.9	44.7	0	1008.2	333.5	14	4.6	0	0
08-03-2026	04:00:00	26.1	24.7	23.4	63.6	60.8	57.2	0	1007.8	275	9.3	2.6	0.6	0
08-03-2026	05:00:00	24.4	23.8	23.4	61.1	59.4	58.1	0	1007.5	248.1	6	2.2	0	0
08-03-2026	06:00:00	24.2	23.7	23.3	63.6	60.8	59.7	0	1007.5	280.8	6	1.7	0	0
08-03-2026	07:00:00	23.7	23	22.1	64.9	63.8	63.1	0	1008.4	328.5	12	4.9	0.6	0
08-03-2026	08:00:00	24.7	22.9	21.7	66.8	62.9	56	7.9	1009.7	347.3	14.6	4.4	0	0
08-03-2026	09:00:00	28.1	26	24.5	58.5	55.5	50.6	63.7	1011.5	349.8	17.3	6.3	2	0
08-03-2026	10:00:00	30.4	28.7	27.6	51.7	47.5	43.1	95	1012.5	352.9	24	8.3	2.6	0
08-03-2026	11:00:00	30.8	30.3	29.4	48.9	46.1	43	176.8	1013.2	358.1	28.6	8.3	2.6	0
08-03-2026	12:00:00	33.1	31.5	30.3	46.9	45.3	43.4	261	1013.2	356.2	27.3	6.7	2	0
08-03-2026	13:00:00	34.1	32.8	31.6	46.5	41.9	34.8	292.5	1012.6	355.6	22.6	7.6	1.3	0
08-03-2026	14:00:00	36	35	33.7	38.9	36.4	34.1	305.8	1012.1	357	25.3	7.4	2	0
08-03-2026	15:00:00	38	36.7	35.2	38.5	35.7	32.1	292.3	1011.1	353.6	26.6	6	2	0
08-03-2026	16:00:00	38.4	37.6	36.8	34.9	33	30.9	247	1010.4	357.5	22.6	5.8	2	0
08-03-2026	17:00:00	37.9	37.3	36.6	35.5	32.5	30.3	179.4	1010	1.6	20	4.6	0.6	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
08-03-2026	18:00:00	37.2	35.8	34.4	37.7	35.5	32.6	91.2	1009.6	1.2	16	4.8	0.6	0
08-03-2026	19:00:00	34.8	32.7	30.8	49.6	41.3	36.5	1.1	1008.6	8.2	14	4.3	0.6	0
08-03-2026	20:00:00	31.4	30.7	30.2	52.6	49.1	43.2	0	1008.7	8	15.3	4.7	0.6	0
08-03-2026	21:00:00	31.6	31.1	30.2	51	46.2	43.2	0	1009.4	6.1	18.6	5.8	1.3	0
08-03-2026	22:00:00	31.2	30.3	29.8	52	46.4	37.5	0	1009.9	3.4	14	5.4	1.3	0
08-03-2026	23:00:00	31.8	31.2	30.4	38.1	32.7	25.2	0	1010.4	339.3	14	5	0	0
09-03-2026	00:00:00	31.8	29.7	27.7	45.7	35	26.3	0	1009.7	281.5	10	2	0	0
09-03-2026	01:00:00	28.4	27.9	27.4	45.4	43.3	42	0	1009.2	329.2	24	7.8	2	0
09-03-2026	02:00:00	28	27.1	26.5	46.7	43.6	41.9	0	1008.7	323.3	15.3	4.4	0	0
09-03-2026	03:00:00	27.1	26.3	25.8	50.1	45.6	42.8	0	1008.1	337.5	15.3	3.9	0	0
09-03-2026	04:00:00	26.3	25.3	24.7	58.7	54.5	49.8	0	1007.8	322	10	2.5	0	0
09-03-2026	05:00:00	25.1	24	23.2	60.3	58.5	55.8	0	1007.7	250.9	8	3.2	0.6	0
09-03-2026	06:00:00	23.7	23.3	22.9	58.4	56.7	56	0	1008	246.3	8.6	3.1	1.3	0
09-03-2026	07:00:00	24	23.4	22.7	58.5	56.3	54.3	0	1008.9	275.6	10.6	3	0.6	0
09-03-2026	08:00:00	26.1	23.7	22.5	58.2	55.4	52.2	8.5	1009.8	269.4	7.3	1.8	0	0
09-03-2026	09:00:00	30.8	28.5	25.8	52.7	44.4	40.2	64.5	1011.9	317.3	10.6	2.5	0	0
09-03-2026	10:00:00	32.8	32.2	30.4	40.7	37	33.7	96.8	1013.8	357.3	16	5.2	0	0
09-03-2026	11:00:00	33.5	32.9	32.4	34.9	31.5	27.5	177.8	1013.6	351.4	25.3	8.7	0.6	0
09-03-2026	12:00:00	35.1	33.9	32.9	31.5	28.2	23	270.3	1013.6	357.3	26	7.8	2	0
09-03-2026	13:00:00	36.9	35.9	34.7	25.6	23.2	20.4	306.1	1013.2	355.8	20	6.2	1.3	0
09-03-2026	14:00:00	39.3	37.9	36.4	23.9	20.4	17.6	314.6	1012.4	356.2	25.3	6.2	2	0
09-03-2026	15:00:00	39.4	38.8	38.4	24.4	21.5	18.5	296.6	1011.6	356.6	22.6	6.2	1.3	0
09-03-2026	16:00:00	41.1	40.1	38.8	23.9	19	14.7	251.2	1010.9	356	17.3	5.1	0.6	0
09-03-2026	17:00:00	41.5	40.7	40.2	16.7	14.2	12.4	180.2	1010.6	352.1	17.3	5.9	0.6	0
09-03-2026	18:00:00	41.5	39.6	38.1	21.5	17.1	14.5	89.1	1010.2	352.2	18	3.9	0	0
09-03-2026	19:00:00	38.4	35.8	33.7	28.8	23.1	18.5	2	1009	346.8	6.6	2.3	0	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
09-03-2026	20:00:00	34.1	33.2	32.6	29.6	26.7	24.3	0	1009.1	345.4	7.3	3.5	0	0
09-03-2026	21:00:00	33	32.3	31.7	33.6	29.9	26.6	0	1009.7	339.7	7.3	2.8	0	0
09-03-2026	22:00:00	32.6	31.8	31.1	31.3	28.8	27.2	0	1010.2	325	9.3	2.9	0	0
09-03-2026	23:00:00	32.3	30.8	29.3	36.2	31.1	26.3	0	1010.2	309.1	10	2.1	0	0
10-03-2026	00:00:00	29.6	29	28.3	33.2	29.9	28.8	0	1009.7	249.6	7.3	2.9	0.6	0
10-03-2026	01:00:00	29.1	28.6	28.2	29.8	28.9	27.5	0	1009.4	254.5	7.3	2.4	0	0
10-03-2026	02:00:00	28.8	28.2	27.5	31.7	28	26.2	0	1009.3	302.2	15.3	3.3	0.6	0
10-03-2026	03:00:00	28.7	28.2	27.3	30.9	27.9	26.4	0	1009.1	325.2	13.3	3.9	0.6	0
10-03-2026	04:00:00	28.2	27.2	26.7	33.4	31.2	29	0	1008.7	313.5	9.3	2.3	0	0
10-03-2026	05:00:00	27.3	26.1	25	38.5	35.3	30.5	0	1008.8	317.9	12.6	4.1	0	0
10-03-2026	06:00:00	25.4	24.7	24.1	40.1	37.6	35.5	0	1009.3	268.7	12.6	3.3	0	0
10-03-2026	07:00:00	25.1	24.3	23.9	40.7	38.7	35.8	0	1010.2	300.3	11.3	2.6	0.6	0
10-03-2026	08:00:00	26.7	24.7	23.6	39.8	37.8	34.4	8.8	1011	297.4	16	2.4	0	0
10-03-2026	09:00:00	30.3	28.3	26.3	35.8	32.1	27.5	64.7	1012.7	332.9	24	9	2	0
10-03-2026	10:00:00	33.3	31.6	30	28.1	26.5	21.9	102.4	1014.6	338	25.3	8.8	3.3	0
10-03-2026	11:00:00	34.8	33.6	32.8	27.3	23.2	20.1	172.8	1014.8	350.2	24	9.7	2.6	0
10-03-2026	12:00:00	35.2	34.4	33.7	24.4	21.6	18	269.8	1014.7	350.8	28	9.4	2	0
10-03-2026	13:00:00	35.6	34.9	34.1	33.7	28.8	23.1	305.9	1014	355.2	25.3	7.1	2	0
10-03-2026	14:00:00	38.1	36.7	35.4	30.6	24.8	19.7	314.1	1013.4	354.3	23.3	5.3	1.3	0
10-03-2026	15:00:00	40.2	38.7	37.4	23.6	20.5	16.1	292.7	1012.5	351.4	20	4.3	1.3	0
10-03-2026	16:00:00	41.4	40.3	39	21.3	17.7	13.8	243.7	1011.8	357.1	18.6	4.9	0.6	0
10-03-2026	17:00:00	41.3	40.2	38.8	24	19	14.6	168.5	1011.1	357.4	17.3	5.1	0	0
10-03-2026	18:00:00	39.8	38.2	37	23.5	21.3	18.5	79.7	1010.5	358.9	18	5.4	1.3	0
10-03-2026	19:00:00	37.4	36.3	35.2	19.4	15.5	12.4	2.2	1009.7	3.1	12	4.6	0.6	0
10-03-2026	20:00:00	35.7	34.7	34.1	22.1	19.1	15.5	0	1009.8	4.3	16.6	5	1.3	0
10-03-2026	21:00:00	34.9	33.5	32.8	32	27.5	18.3	0	1010.4	3.4	18.6	5.7	1.3	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
10-03-2026	22:00:00	34.5	33.4	32.5	34	27.6	21.3	0	1010.8	353.1	17.3	7.6	3.3	0
10-03-2026	23:00:00	33.8	32.4	31	46.9	34.4	25.6	0	1010.8	359.8	17.3	6.1	1.3	0
11-03-2026	00:00:00	31.8	31	30.3	49.2	43.5	36.4	0	1010.4	354.3	14.6	4.6	0.6	0
11-03-2026	01:00:00	31.2	30.6	29.6	40	34.7	32.8	0	1010.1	328.5	12	3.1	0	0
11-03-2026	02:00:00	30.2	29.1	28.5	35	33.8	32.6	0	1009.3	311.3	8.6	2	0	0
11-03-2026	03:00:00	29.1	28	27.3	35.1	30.7	27.4	0	1009	291.5	12	2.3	0	0
11-03-2026	04:00:00	28.1	27.6	26.9	33.9	29.2	26.9	0	1008.9	328.4	14.6	5.5	1.3	0
11-03-2026	05:00:00	27.4	26.8	26.1	39.9	35.8	32.6	0	1008.7	329.6	12.6	4.8	0.6	0
11-03-2026	06:00:00	26.9	26.2	25.5	41.7	40.3	38.6	0	1009.1	315	12	4.1	1.3	0
11-03-2026	07:00:00	26.5	25.7	24.9	38.9	36.7	35	0	1009.9	323.4	14	4.9	1.3	0
11-03-2026	08:00:00	27.3	25.6	24.6	38.8	36.3	32	9.4	1010.8	319.2	14.6	3.6	0.6	0
11-03-2026	09:00:00	30.2	29.6	26.9	32.6	30.5	29.6	89.2	1013.3	332.3	19.3	7.8	2.6	0
11-03-2026	10:00:00	33.1	31.6	29.8	30.9	26.9	23.2	108.9	1013.7	341	27.3	10	2.6	0
11-03-2026	11:00:00	34.6	33.8	32.8	26	24.6	22.4	168.5	1014.4	350.9	27.3	8	2	0
11-03-2026	12:00:00	35.6	34.8	33.8	29.6	27.2	25.3	271	1014.4	352.3	24	6.1	1.3	0
11-03-2026	13:00:00	36.8	36.1	35.2	30.3	26.9	23.9	308.2	1013.9	353.2	18.6	5.7	1.3	0
11-03-2026	14:00:00	39.4	37.6	36	27.4	22	17.5	317.1	1012.9	351.7	18.6	4.9	0.6	0
11-03-2026	15:00:00	41.1	39.6	38.2	20.4	17.1	14.3	295.8	1012	353.1	18	4	1.3	0
11-03-2026	16:00:00	42	40.9	39.8	20.1	17.1	14.6	246.2	1011.3	351	15.3	2.8	0	0
11-03-2026	17:00:00	42	41	40.1	19.7	17.2	13.5	176	1010.9	1.3	12.6	2.6	0.6	0
11-03-2026	18:00:00	41.1	38.7	37.6	24.3	21.6	18	86	1010.2	52.7	12	2.5	0	0
11-03-2026	19:00:00	37.9	36	34.7	20.9	16.6	14.3	2.2	1009.1	324	4	0.9	0	0
11-03-2026	20:00:00	35.2	34.2	33.2	22.9	17.5	14.7	0	1009.1	292.2	5.3	0.9	0	0
11-03-2026	21:00:00	33.5	32.8	32.2	34.5	25.6	19.6	0	1009.3	335.6	8	2.2	0	0
11-03-2026	22:00:00	32.9	32.1	31.2	36.2	29	22.6	0	1009.9	345.2	12	5.1	0.6	0
11-03-2026	23:00:00	31.6	30.9	30.2	43.6	36.6	32.8	0	1009.4	332.3	18	5.4	0.6	0



Final EMP Report for Dahej-Hazira-Ghogha for 13th February to 12th March 2026

Ghogha station														
DATE	TIME	AT_Max	AT_Avg	AT_Min	RH_Max	RH_Avg	RH_Min	SOLAR	BP	WD	WS_Max	WS_Avg	WS_Min	RAIN
DD/MM/YY	HH:MM:SS	DegC	DegC	DegC	%	%	%	W/m2	mbar	Deg	m/s	m/s	m/s	MM
12-03-2026	00:00:00	30.8	30.2	29.7	45.9	41	38.1	0	1009.4	324.1	19.3	5.5	1.3	0
12-03-2026	01:00:00	31	30.3	29.6	40	36.9	35.1	0	1009	331.5	20	7.1	1.3	0
12-03-2026	02:00:00	30.4	28.8	27.5	46.1	36.8	30.1	0	1008.7	287.9	15.3	2.5	0.6	0
12-03-2026	03:00:00	28	27.4	26.9	30.7	30.2	29.6	0	1008	263.8	11.3	2.2	0	0
12-03-2026	04:00:00	27.8	27.2	26.7	32.4	31.2	30.1	0	1007.6	285.7	18	2.8	1.3	0
12-03-2026	05:00:00	27.4	26.6	26	34.7	33.1	31.3	0	1007.2	301.7	15.3	3.3	0.6	0
12-03-2026	06:00:00	26.9	25.6	25	38.5	36.3	33.6	0	1007.6	275.6	11.3	2.1	0	0
12-03-2026	07:00:00	25.4	24.8	24.3	40.2	38.5	37.3	0	1007.9	269.6	6	1.8	0	0
12-03-2026	08:00:00	27.7	25.9	24.3	40.6	36.3	33.6	9.4	1008.7	315.2	13.3	2.7	0	0
12-03-2026	09:00:00	31.2	29.4	27.2	35.6	30.6	27.6	64.1	1010.6	329.5	13.3	3.5	0	0
12-03-2026	10:00:00	33.4	32.4	30.8	29.4	25	21.1	113	1012	351.5	16	5.8	0.6	0
12-03-2026	11:00:00	35.4	34.4	32.8	27.2	24.6	22	161.8	1012.4	348.6	16	3.7	0	0
12-03-2026	12:00:00	35.9	35.2	34.2	33.9	25.9	21.8	264.3	1012.2	355.5	19.3	4.6	1.3	0
12-03-2026	13:00:00	36	34.8	33.8	33.9	29.8	22.6	299.8	1011.2	355.8	18.6	5.1	1.3	0
12-03-2026	14:00:00	36.6	35.6	34.7	32.6	28.7	24.7	307.6	1010.2	353.4	20.6	5	0.6	0
12-03-2026	15:00:00	37.8	36.6	35.6	30.9	28.4	25	285.2	1009.4	3	18	4.3	1.3	0
12-03-2026	16:00:00	38.2	37.5	36.8	30.7	27.3	23.2	232.8	1008.7	27	14	3.2	0.6	0
12-03-2026	17:00:00	38.5	37.7	36.9	28.6	24.6	21.5	164	1008.2	50.8	12.6	3.6	0.6	0
12-03-2026	18:00:00	38.2	36.9	35	33.2	26.8	20.5	78.5	1007.7	56.2	10.6	2.3	0	0
12-03-2026	19:00:00	35.4	33.4	32	39.2	36.8	33	2.6	1006.8	33.4	4	1.1	0	0
12-03-2026	20:00:00	32.4	31.8	31.3	37.9	32.9	30	0	1006.7	7.4	4.6	0.2	0	0
12-03-2026	21:00:00	32.5	31.7	30.8	54.6	42.8	29.8	0	1007	8.6	8	2.4	0	0
12-03-2026	22:00:00	31.8	31	30.4	56	48.7	42.4	0	1007.7	347	12.6	2.5	0	0
12-03-2026	23:00:00	31.2	29.9	28.9	46.6	42.9	41.1	0	1007.8	315.6	14.6	2.7	0	0



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(An Autonomous Institute of Government of Gujarat)

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