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SHREE CEMENT LTD.

Regd. Office:

BANGUR NAGAR, POST BOX NO.33, BEAWAR 305 901, RAJASTHAN. INDIA



SCL/Env/S.K. Mine/2019-20/ 3262

Date: 27/05/2019

To,
The Director
Ministry of Environment & Forest,
Regional Office (Central Region),
Kendriya Bhawan, 5th Floor, Sector 'H' Aliganj,
Lucknow (U.P.), Pin-226024

Sub: Six monthly compliance of conditions of environmental clearance of Sheopura-Kesarpura Limestone Mines (Captive Mine of M/s Shree Cement Limited) located at village Sheopura and Kesarpura, Tehsil-Masuda, District Ajmer (Rajasthan)

Ref: - Environment Clearance letter No. J-11015/170/2004-IA-II (M) dated 31/3/2005.

Dear Sir,

In reference to the above subject matter and referred letter, we are submitting herewith the point wise compliance of conditions of above environmental clearance for the period from October -2018 to March -2018.

M/s. Shree Cement Ltd. obtained EC under EIA Notification 1994 vide letter No. J-11015/170/2004-IA-II (M) dated 31/03/2005 for the expansion of limestone production from 2.0 to 4.0 Million TPA. The mine has not undergone modernization, expansion and change in mining technology. So far the limestone production not exceeded the 2.0 Million TPA along with operation of existing crusher of 800 TPH.

Now, as per the MOEF&CC notification dated 6th April, 2018, Environment Clearance is required under the EIA Notification 2006 for all the mining projects having EC under EIA Notification 1994. Accordingly, EC application is being submitting for the existing operating Sheopura-Kesarpura Limestone mine with reduction of granted EC for Limestone Production from 4.0 Million to 1.5 Million TPA, OB Nil, IB 0.65 Million TPA, ML Area - 856.8 ha, ML No. 24/97 (R), existing crushers capacity of 800 TPH near Villages - Sheopura and Kesarpura, Tehsil - Masuda, District - Ajmer (Rajasthan).

Acknowledgement slip for ToR application generated online has been attached (as Annexure - A) herewith for your reference.

o/c ENVT

This is for your kind information please.

Thanking you,

Yours faithfully,

For Shree Cement Limited



(Rakesh Bhargava)

Sr. Vice President (Environment)

- Cc to: -
1. The Director (Mining), Ministry of Environment and Forest, Indra Paryavaran Bhawan, Jorbag Road, New Delhi-110003.
 2. The In-Charge (Zonal Office), Central Pollution Control Board (CPCB), 3rd Floor, Sahkar Bhawan, North T.T. Nagar, Bhopal-462003(M.P.)
 3. The Member Secretary, Rajasthan Pollution Control Board, 4, Institutional Area, Jhalana Doongri, JAIPUR-302004(Rajasthan).

Acknowledgement Slip for TOR

This is to acknowledge that the proposal has been successfully uploaded on the portal of the Ministry. The proposal shall be examined in the Ministry to ensure that required information has been submitted. An email will be sent for seeking additional information, if any, within 5 working days. Once verified, an acceptance letter shall be issued to the project proponent.

Following should be mentioned in further correspondence

1. **Proposal No.** : LA/RJ/MIN/75624/2018
2. **Category of the Proposal** : Non-Coal Mining
3. **Project/Activity applied for** : 1(a) Mining of minerals

Proposal for Environment Clearance as per MoEF&CC Notification dated 6th April, 2018 for Sheopura-Kesarpura Limestone Mine (Area 856.8 ha & ML No. 24/97(R) of Shree Cement Limited for the capacity of 1.5 Million
4. **Name of the proposal** : TPA Limestone (existing EC granted capacity 4.0 Million TPA under ELA notification 1994), OB Nil, IB 0.65 Million TPA and existing operating crushers of 800 TPH near Village Sheopura & Kesarpura, Tehsil Masuda, District Ajmer, Rajasthan
5. **Date of submission for TOR** : 28 Jun 2018
6. **Name of the Project proponent along with contact details**
 - a) **Name of the proponent** : Shree Cement Ltd.
 - b) **Mobile No.** : 9214337571
 - c) **State** : Rajasthan
 - d) **District** : Ajmer
 - e) **Pincode** : 305901

COMPLIANCE OF CONDITIONS OF ENVIRONMENT CLEARANCE LETTER NO.-J-11011/195/2009-IA II(1) dated 04/11/2010 OF SHYAMGARH LIMESTONE MINES OF M/S. SHREE CEMENT LIMITED, BEAWAR-AJMER(RAJASTHAN)
PERIOD OF COMPLIANCE LETTER: Oct 18 to March 19

S. NO.	Conditions	Compliance Status
A.	Specific Conditions	
(i)	Compliance to all the specific and general conditions stipulated for the existing plant by the Central/State Government shall be ensured and regular reports submitted to the Ministry and its Regional Office at Lucknow	All recommendations are being implemented and regular reports submitted to the Ministry and its Regional Office at Lucknow.
(ii)	Continuous monitoring system to monitor gaseous emissions shall be provided and limit of SPM should be controlled within 50 mg/Nm ³ by installing adequate air pollution control system and energy efficient technology.	There is no direct point source of emission from Mines. However, fugitive emissions are being kept well within the prescribed limits.
(iii)	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 should be followed.	The prescribed ambient air quality emission standards are being monitored and various fugitive emission control measures are being taken.
(iv)	Secondary fugitive emission from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines/Code of practice issued by the CPCB shall be followed.	Regular water spraying is being done, controlled blasting and wet drilling are practiced, haul roads and HEMM are maintained regularly.
(v)	Asphalting/concreting of road and water spray all around the critical areas prone to air pollution and having high levels of SPM and RPM should be ensured.	Roads are well maintained, regular water spraying is being done on haul roads.
(vi)	Efforts should be made to reduce the impact of the transport of the raw materials and end products on the surrounding environment including agricultural land. All the raw materials including fly ash should be transported in the closed containers only and should not be overloaded. Vehicular emission shall be regularly monitored.	<ul style="list-style-type: none"> ➤ Transportation of raw materials is being done in controlled manner. ➤ Water spraying is being done on haul roads. ➤ The operators of HEMM are trained and HEMM are maintained regularly for emissions; vehicular emission is being monitored regularly.
(vii)	Total water requirement for proposed expansion shall not exceed 4,450 m ³ /day. Rainwater harvesting measures shall be adopted for the augmentation of ground water at cement plant, colony and mines site. The company must also collect rain water in the mined out pits of captive limestone mine and use the same water for the various activities of the project to conserve fresh water and reduce the water requirement pressure from the river. An action plan shall be submitted to the Ministry's Regional Office at Lucknow within 3 months from the date of issue of the letter.	<p>Various measure are being practiced for conservation of water:</p> <ul style="list-style-type: none"> ➤ Constructed check dams and anicuts in the nearby areas. ➤ Water recharge structures and ponds have been developed in the plant and colony area. ➤ The abandoned pits of the mines will be used for rain water harvesting. ➤ STP has been constructed and the treated water is being used for horticulture.
(viii)	The project proponent shall ensure that no natural water course shall obstructed due to any mining operations.	There is no obstruction in natural water course due to mining operations.
(ix)	Catch drains and siltation ponds of appropriate size shall be constructed for the working pit, inter burden and mineral dumps	Catch drains and siltation ponds have been constructed. The mining activity has been started recently and in future rain water

	to arrest flow of silt and sediment. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly desilted, particularly after monsoon, and maintained properly.	collected in mine pit will be utilized for plantation, road spray and process.
(x)	Garland drain of appropriate size, gradient and length shall be constructed for both the mine pit and inter burden dumps and sump capacity should be designed keeping 50 % safety margin over and above peak sudden rainfall(based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits should be constructed at the corners of the garland drains and desilted at regular intervals.	About 75 meter long Garland drains have been constructed for de-silting around proposed waste dump yard location.
(xi)	Regular monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and constructing new piezometers at suitable locations by the project proponent in and around project area in consultation with Regional director, Central Ground Water Board. The frequency of monitoring should be four times a year-pre-monsoon (April/May), monsoon (August), post-monsoon(November) and winter(January). Data thus collected shall be sent at regular intervals to Ministry of Environment and Forests and its Regional Office at Lucknow, Central Ground Water Authority and State Ground Water Board.	Regular monitoring of ground water level and quality is being carried out by a network of existing wells.
(xii)	Dimensions of retaining wall at the toe of inter burden dumps and inter burden benches within the mine to check run-off and the siltation should be based on the rainfall data.	Currently no waste dump has been made, but we have made garland drain along proposed waste dump area. Retaining wall will be made once dumping started.
(xiii)	Suitable conservation measures to augment ground water resources in the area should be planned and implemented in consultation with Regional Director, Central Ground Water Board	Various measure are being practiced for conservation of water: <ul style="list-style-type: none"> ➤ Constructed check dams and anicuts in the nearby areas. ➤ Water recharge structures and ponds have been developed in the plant and colony area. ➤ The abandoned pits of the mines will be used for rain water harvesting. ➤ STP has been constructed and the treated water is being used for horticulture.
(xiv)	All the bag filter dust, raw mill dust, coal dust and cement dust from pollution control devices shall be recycled and reused in the process and used for cement manufacturing.	All recommendation shall be implemented along with the plant commissioning.
(xv)	An effort shall be made to use high calorific value of hazardous waste in the cement kiln and necessary provision shall be made accordingly.	High calorific value hazardous waste available in the area shall be utilized as alternative raw material and fuel in kiln.

(xvi)	Efforts shall be made to use low grade lime, more fly ash and solid waste in the cement manufacturing.	Low grade lime stone shall be blended with high grade limestone. Fly ash will be utilized for manufacturing of PPC.
(xvii)	All the fly ash shall be utilized as per Fly Ash notification,1999 subsequently amended in 2003 and 2010. Efforts shall be made to use fly ash maximum in making Pozollona Portland Cement(PPC)	Fly ash will be utilized in making Pozollona Portland Cement (PPC) and will be stored in fly ash silo.
(xviii)	Risk and Disaster Management Plan along with the mitigation measures should be prepared and a copy should be submitted to the Ministry's Regional Office, Lucknow, SPCB and CPCB within the 3 months of issue of environment clearance letter.	All recommendation will be implemented along with the plant commissioning.
(xix)	Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented. The company shall construct/install artificial barrier around the Shyamgarh Village to prevent from the noise due to blasting and operation of mining equipments.	Blasting is being done only during fixed time. Controlled blasting is being practiced and ground vibrations are regularly monitored using equipment.
(xx)	Wet drilling blasting method and provision for the control air emissions during blasting using dust collectors etc. shall be used.	Wet drilling is being practiced. Water spray on haul roads is being done for control of fugitive emissions.
(xxi)	Bench height, width and slope for individual bench should be properly assessed and implemented. Adequate measures should be adapted to stabilize the slope before abandonment. The fencing around the reservoir shall be provided to prevent accident.	Bench height of adequate and width shall be maintained. Adequate measures will be adopted to stabilize the slope. Fencing will be provided to prevent accidents.
(xxii)	Action plan for the mining, management of overburden (removal, storage, disposal etc.) reclamation of mined out area and mine closure shall be submitted to the Ministry and its Regional Office at Lucknow.	Action plan for the mining, management of overburden (removal, storage, disposal etc.) reclamation of mined out area has been submitted and mine closure plan will be submitted to the Ministry and its Regional Office at Lucknow.
(xxiii)	The inter burden and other waste generated should be stacked at earmarked sump site(s) only and should not be kept active for long period. The total heights of the dumps should not exceed 30 m in three terraces of 10 m each and the overall slope of the dump should be maintained to 28°. The inter burden dumps should be scientifically vegetated with suitable native species to prevent soil erosions and surface run-off. Monitoring and management of rehabilitation areas should be continue until the vegetation becomes self-sustaining. Compliance status should be submitted to the Ministry of Environment & Forest and its Regional Office, Lucknow on six monthly basis.	Inter burden and OB will be stacked at earmarked dump site(s). The total height of the dumps will be 30 meter in three terraces of 10 meter each and the overall slope of the dump will be maintained to 28°. The inter burden dumps will be vegetated with native species. Currently, we have not started waste dumping at mine site. Compliance status will be submitted to the Ministry of Environment Forest & Climate Change and its Regional Office, Lucknow on six monthly basis.
(xxiv)	The project proponent shall modify the mine plan of the project at the time of seeking approval for the next mining scheme from the Indian Bureau of Mines so as to reduce the	Mine plan will be modified at the time of approval for the next mining scheme to reduce the area for external overburden dump by suitably increasing the height of

	area for external overburden dump by suitably increasing the height of the dumps and proper terracing. It should be ensured that overall slope of the dump does not exceed 28°.	the dumps with proper terracing. The overall slope of the dump will be maintained to 28°.
(xxv)	The void left unfilled in the mining area shall be converted into water body. The higher benches of excavated void/mining pit should be terraced and plantation done to stabilize the slopes. The slope of the higher benches should be made gentler for easy accessibility by local people to use the water body. Peripheral fencing shall be carried out along the excavated area.	Void left unfilled in the mining area will be converted into water body. Higher benches of excavated void/mining pit will be terraced and plantation will be done to stabilize the slopes. Slope of the higher benches will be made gentler for easy accessibility by local people to use the water body. Peripheral fencing will be carried out along the excavated area.
(xxvi)	Top soil, if any, shall be stacked with proper slope at earmarked site(s) only with adequate measures and should be used for reclamation and rehabilitation of mined out area.	There is no top soil and the limestone is exposed on surface.
(xxvii)	As proposed, green belt shall be developed in at least 33% in cement plant and all around the mined out area except used for reservoir. A 50 m wide green belt all around the village Shyamgarh shall be raised.	Green belt shall be developed in 33% of total plant area within 5 years and 53 % of mining lease area at the end of mine life. Native species will be planted.
(xxviii)	All the safety norms stipulated by the Director General, Mine & Safety (DGMS) should be implemented.	All the safety norms stipulated by the Director General, Mine & Safety (DGMS) are being implemented.
(xxix)	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the cement plants should be implemented.	Corporate Responsibility for Environment Protection (CREP) for the cement plants will be implemented.
(xxx)	The company shall comply with the commitments made during public hearing held on 13th Dec,2009 and separate budget for the implementing the same should be allowed and the information submitted to the Ministry's Regional Office at Lucknow.	Commitments made during public hearing/public consultation held on 13 th Dec,2009 will be complied.
(xxxii)	At least 5% of the total cost of the project should be earmarked towards the Corporate Social Responsibility (CSR) and item wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Lucknow. Implementation of such programmes should be ensured accordingly in a time bound manner.	Adequate funds are available for the implementation of the conditions stipulated by the Ministry of Environment Forest & Climate Change as well as the state govt. Various CSR activities are being carried out in the nearby villages like education development, health care initiatives, infrastructure development, sanitation, cultural up-liftment etc.
(xxxii)	The company shall provide housing for the construction labour within the site with all the necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Housing, fuel, toilets with soak pits and septic tanks, safe drinking water, medical health care etc. are provided to labors.
B.	General Conditions	
S.No.	Conditions	Status

(i)	The project authority shall adhere to the stipulations made by the Rajasthan State Pollution Control Board (RSPCB) and State Government	All recommendation of Rajasthan State Pollution Control Board (RSPCB) and State Government are being implemented.
(ii)	No further Expansion or modification of plant shall be carried out without prior approval of the ministry.	Prior permission will be taken for further expansion.
(iii)	The gaseous and particulate matter emissions from various units shall conform to the prescribed standards by the RSPCB. At no time, particulate emissions from the cement plant including kiln, coal mill, cement mill, cooler shall exceed beyond the permissible limit. Interlocking facility shall be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the respective unit (s) is shut down automatically	Emission from the various units will be well within the prescribed standards. Interlocking will be provided with pollution control equipment.
(iv)	At least four ambient air quality monitoring stations shall be established in the down wind direction as well as where maximum ground level concentration of PM, SO ₂ and NO _x are anticipated in consultation with the RSPCB. Ambient air quality including ambient noise levels shall not exceed the standards stipulated under EPA or by the State Authorities. Monitoring of ambient air quality shall be carried out regularly in consultation with RSPCB and data on ambient air quality and stack emissions shall be regularly submitted to this Ministry including its Regional Office at Lucknow, RSPCB and CPCB once in six months. The instruments used for ambient air quality monitoring shall be calibrated time to time.	Data on ambient air quality are well within norms and report is enclosed as Annexure: 1.
(v)	Industrial wastewater shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose	There is no industrial waste water generated. Domestic sewage of plant and colony is being treated in STP and treated water will be used for plantation.
(vi)	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time)	Proper maintenance and lubrication shall be done of all machines to maintain the noise level of 85 dB(A) in plant premises and 75 d(B) (day time) and 70 d(B) (night time) at the plant boundary. Noise level within the norms report enclosed as Annexure-I.
(vii)	Proper housekeeping and adequate occupational health programmes shall be taken up. Occupational Health Surveillance programme shall be done on a regular basis and records maintained properly for at	Proper housekeeping of the entire plant will be maintained. Occupational health programmes are being organized on a regular basis and records

	least 30-40 years. The programme shall include lung function and sputum analysis tests once in six months. Sufficient preventive measures shall be adopted to avoid direct exposure to dust etc.	are maintained. The programme is organized once in six months. PPEs are being provided.
(viii)	The company shall harvest the rainwater from the roof tops and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.	Rain water collected from the roof top will be injected into the ground through injection wells to recharge the ground water table.
(ix)	The company shall undertake eco-development measures including community welfare measures in the project area	Various community welfare measures including education, health care and infrastructure etc. will be done for betterment of the surrounding area.
(x)	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP	Environmental protection measures and safeguard recommended in EIA/EMP are being implemented.
(xi)	A separate environmental management cell with full-fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of Senior Executive	A separate environment management cell with full-fledged laboratory facilities will be set up to carry out various management and monitoring functions under the control under the control of unit head.
(xii)	Requisite funds shall be earmarked towards the capital cost and recurring cost/annum for environment pollution control measures shall be used judiciously to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. Time bound implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Ministry. The funds so provided shall not be diverted for any other purpose	All recommendation will be implemented along with the plant commissioning.
(xiii)	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad / Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Copy of environment clearance letter has been sent on 24/10/2010. EC letter has been put on our website:- www.shreecement.in .
(xiv)	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF, the respective Zonal Office of CPCB and the RSPCB. The criteria pollutant levels namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient	Compliance status is being uploaded at the company website and also sent to the regional Office of the MoEF, Zonal Office of CPCB and the SPCB. PM ₁₀ , PM _{2.5} , SO ₂ and NO _x level are monitored on regular basis and data enclosed herewith (Annexure-I)

	location near the main gate of the company in the public domain.	
(xv)	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as bye-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the RSPCB. Regional Office of this Ministry at Lucknow / CPCB / RSPCB shall monitor the stipulated conditions.	Six monthly compliance reports is being submitted to Regional Office of MoEF&CC , the respective Zonal Office of CPCB and SPCB.
(xvi)	The environmental statement for each financial year ending 31st March in Form-Vas is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules,1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the Regional Office of the MOEF at Lucknow bye-mail	The Environmental statement for each financial year ending 31 st March in form-V will be submitted to the State pollution control Board, also it will be put on the website of the company along with the status of compliance of EC conditions and shall be sent to the regional office of the MoEF&CC by e-mail.
(xvii)	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the RSPCB and may also be seen at Website of the Ministry of Ministry of Environment and Forest at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to regional office of the lucknow.	Advertised in two local newspapers widely circulated in the region namely, Rajasthan Patrika & Dainik Navjyoti on 13/11/2010. Copies have been submitted to the ministry.
(xviii)	Project authorities shall inform the Regional office as well as the ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Financial closure and final approval of the project shall be informed the Regional Office as well as the Ministry.
(xix)	The Regional Office of this Ministry at Lucknow / CPCB / RSPCB shall monitor the stipulated conditions. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.	Compliance status will be submitted to the Regional Office of the Ministry at Lucknow/CPCB/SPCb on six monthly basis

Annexure-I
Shree Cement Limited,
Shyamgarh Mines
Near village Shyamgarh-Neemgarh Tehsil-Masuda, District-Ajmer (Rajasthan)

1. Ambient Air Quality Monitoring Data :
Period : Apr.2018 to Sep.2018 :- (All values in ug/m3)

Location	Near village Kelkhera				Near Village Shyamgarh				Near village Karwal				Near Village Nimgarh			
	PM 10	PM 2.5	SO2	NOx	PM 10	PM 2.5	SO2	NOx	PM 10	PM 2.5	SO2	NOx	PM 10	PM 2.5	SO2	NOx
Month																
April - 18	51	29	10	11	48	25	9	9	51	24	7	9	50	26	9	10
May - 18	48	28	8	8	49	29	10	9	52	26	8	8	48	26	7	8
June - 18	55	32	7	6	51	24	8	6	48	26	7	6	49	28	9	8
July - 18	52	31	5	8	50	26	7	9	52	27	8	9	54	26	9	10
Aug - 18	56	29	7	9	51	28	10	9	50	29	7	12	45	24	8	8
Sep - 18	54	27	9	9	55	24	10	13	49	28	9	6	51	29	8	7

2. Ambient Noise Level Monitoring Data:-
Period : Apr.2018 to Sep.2018:- (Leq-dB(A))

Location	Near village Kelkhera		Near Village Shyamgarh		Near village Karwal		Near Village Nimgarh	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
Month								
April - 18	48.6	42.5	55.6	42.8	55.2	42.9	51.2	44.2
May - 18	51.4	44.6	58.4	42.5	51.6	44.3	53.4	44.3
June - 18	50.8	44.6	59.7	43.6	51.6	43.9	56.8	40.2
July - 18	54.2	42.9	52.8	41.9	53.4	49.2	51.0	41.1
Aug - 18	56.2	40.5	56.4	43.2	54.2	44.6	53.4	40.2
Sep - 18	59.2	41.6	53.9	46.2	46.8	42.2	59.2	43.6