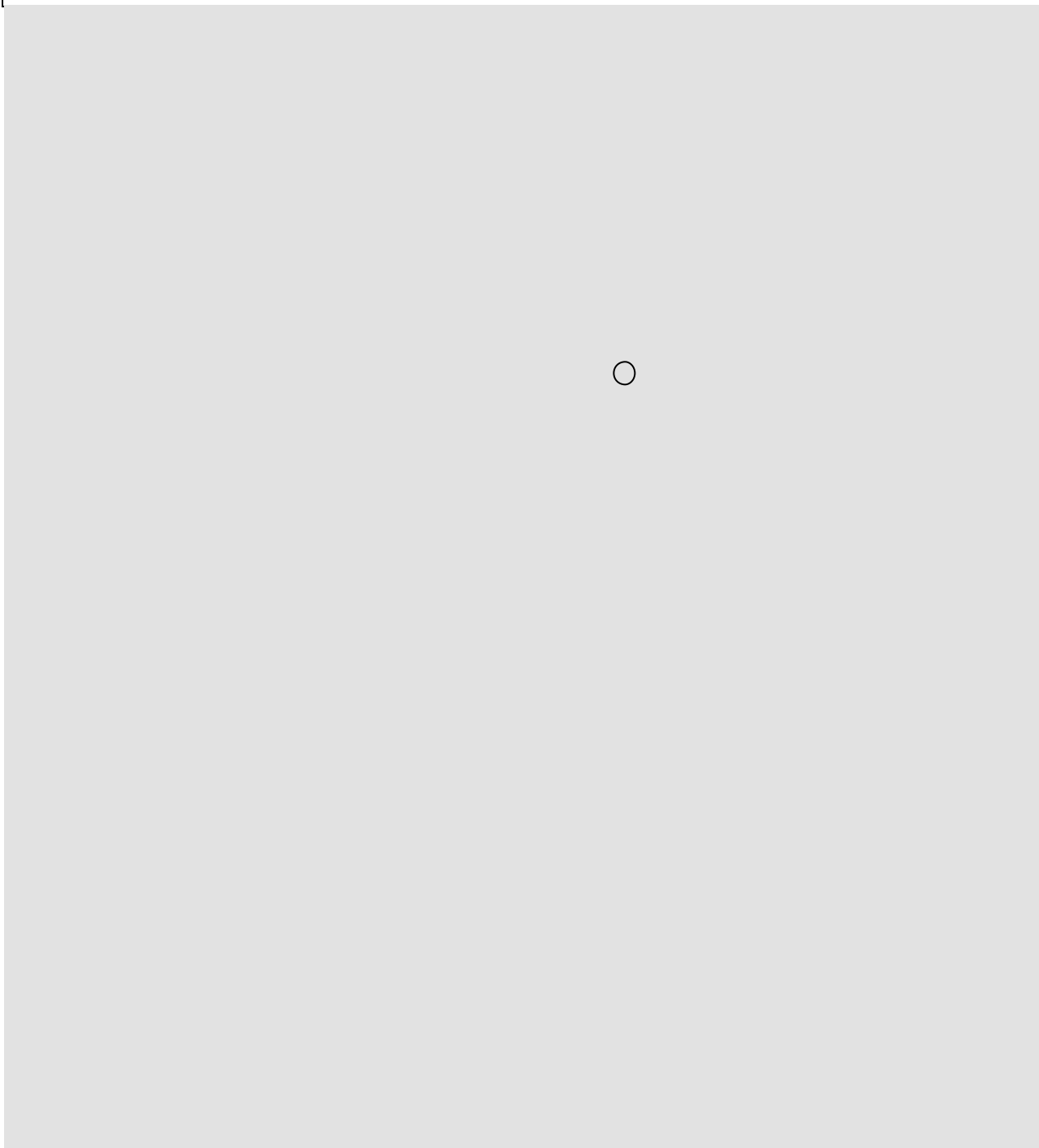


AMBIENT NOISE LEVEL AND AIR QUALITY DURING DEEPAWALI, 2022 OF MAJOR CITIES / TOWNS OF ODISHA



AMBIENT AIR QUALITY STANDARDS IN RESPECT OF NOISE

Category of Area/Zone	Limits in dB(A) Leq	
	Day Time (6.00 a.m. - 10.00 p.m.)	Night Time (10.00 p.m. - 6.00 a.m.)
Industrial area	75	70
Commercial area	65	55
Residential area	55	45
Silence Zone	50	40

NATIONAL AMBIENT AIR QUALITY STANDARDS (24 HOURLY)

SO ₂ (µg/m ³)	NO _x (µg/m ³)	PM ₁₀ (µg/m ³)	PM _{2.5} (µg/m ³)
80	80	100	60

**AMBIENT NOISE LEVEL ON PRE & DURING DEEPAWALI
OF MAJOR CITIES/TOWNS OF ODISHA-2022**

1. ANGUL

NOISE LEVEL DURING DEEPAWALIFESTIVAL, 2022:

Location : A Amalapada	Zone	Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard		
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			43.2	90.6	68.5	65.3	42.1	91.4	68.5	71.6	D	55
19:00 to 20:00 Hr			46.5	87.2	66.2		43.6	98.6	74.2			
20:00 to 21:00 Hr			44.0	82.4	64.4		44.2	89.3	73.4			
21:00 to 22:00 Hr		42.4	80.3	62.2	43.4		98.4	70.3				
22:00 to 23:00 Hr		N	40.3	74.0	62.0	60.2	40.5	96.0	68.2	63.2	N	45
23:00 to 24:00 Hr			39.3	74.7	58.3		35.5	95.6	58.1			

Location : B Bazar Chhak	Zone	Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard		
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			54.5	94.5	78.4	77.9	56.3	98.6	74.8	81.1	D	65
19:00 to 20:00 Hr			52.0	96.3	80.3		67.6	102.2	80.4			
20:00 to 21:00 Hr			48.4	92.0	78.5		65.1	98.4	85.0			
21:00 to 22:00 Hr		52.2	94.4	74.2	56.4		100.5	84.3				
22:00 to 23:00 Hr		N	46.4	94.5	72.5	69.4	52.5	90.8	73.4	71.0	N	55
23:00 to 24:00 Hr			42.1	85.3	66.2		44.9	74.6	68.6			

Location : C District Head Quarter Hospital	Zone	Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard		
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			50.6	84.2	65.4	64.5	42.5	68.3	60.2	64.8	D	50
19:00 to 20:00 Hr			50.5	81.4	63.0		46.3	84.2	66.6			
20:00 to 21:00 Hr			48.2	80.5	62.2		45.4	80.4	64.8			
21:00 to 22:00 Hr		46.0	74.3	67.5	41.1		88.3	67.7				
22:00 to 23:00 Hr		N	43.4	70.2	62.6	59.5	38.2	70.1	63.3	60.8	N	40
23:00 to 24:00 Hr			41.2	68.4	56.3		36.4	68.2	58.3			

Location : D Hakimpada	Zone	Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard		
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg LeqdB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			45.2	90.2	62.1	60.7	46.7	86.4	62.6	64.4	D	75
19:00 to 20:00 Hr			38.6	86.2	64.2		52.1	84.2	63.4			
20:00 to 21:00 Hr			44.3	78.4	58.0		48.9	88.4	66.3			
21:00 to 22:00 Hr		46.5	72.6	58.4	46.2		90.6	65.2				
22:00 to 23:00 Hr		N	43.6	80.6	58.2	58.3	49.7	78.5	64.7	62.6	N	70
23:00 to 24:00 Hr			44.0	78.3	58.3		40.3	70.1	60.4			

2. BALASORE

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2022:

Location : A Sahadevkhunta		Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration		Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr				23.2	52.4	31.7	33.6	40.9	70.5	52.6	57.9	D	55
19:00 to 20:00 Hr				22.3	46.4	30.2							
20:00 to 21:00 Hr				26.0	55.9	36.6							
21:00 to 22:00 Hr			17.5	50.7	35.7								
22:00 to 23:00 Hr			N	23.4	43.3	31.0	32.4	22.0	66.0	42.5	40.8	N	45
23:00 to 24:00 Hr				25.1	42.2	33.8		17.2	61.1	39.1			

Location : B Motiganj		Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration		Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr				39.3	67.8	50.1	48.4	27.0	80.7	56.6	54.7	D	65
19:00 to 20:00 Hr				36.0	66.2	52.4							
20:00 to 21:00 Hr				23.7	61.3	44.7							
21:00 to 22:00 Hr			37.4	57.8	46.5								
22:00 to 23:00 Hr			N	25.2	52.0	39.1	39.2	34.8	80.9	57.8	53.3	N	55
23:00 to 24:00 Hr				28.0	53.4	39.3		19.9	69.1	48.7			

Location : C District Head Quarter Hospital		Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration		Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr				24.8	44.1	30.6	28.7	25.6	62.3	42.7	39.6	D	50
19:00 to 20:00 Hr				20.9	43.6	27.7							
20:00 to 21:00 Hr				21.8	41.5	29.9							
21:00 to 22:00 Hr			19.2	47.0	26.5								
22:00 to 23:00 Hr			N	18.6	44.1	27.0	28.7	24.9	56.6	39.2	33.7	N	40
23:00 to 24:00 Hr				24.4	41.3	30.4		17.5	46.8	28.1			

Location : D Balasore Industrial Estate		Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration		Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr				24.6	48.2	36.1	38.8	26.7	64.0	45.4	43.3	D	75
19:00 to 20:00 Hr				27.1	51.6	37.8							
20:00 to 21:00 Hr				34.5	58.0	44.8							
21:00 to 22:00 Hr			24.6	56.5	36.5								
22:00 to 23:00 Hr			N	19.0	61.5	36.4	34.8	25.3	54.0	36.8	38.5	N	70
23:00 to 24:00 Hr				18.2	54.2	33.2		20.7	58.3	40.2			

3. BERHAMPUR

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2022:

Location : A Brahmanagar	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			54.3	87.3	69.3	74.3	54.3	103.1	81.5	86.9	D	55
19:00 to 20:00 Hr			55.6	90.5	78.3		55.6	110.2	88.3			
20:00 to 21:00 Hr			58.3	91.3	75.3		58.3	107.6	90.3			
21:00 to 22:00 Hr		51.3	97.3	74.3	51.3		88.6	87.6				
22:00 to 23:00 Hr		N	50.9	81.3	64.2	63.3	50.9	84.6	79.3	76.9	N	45
23:00 to 24:00 Hr			49.3	74.3	62.3		49.3	83.9	73.2			

Location : B Girija Market square	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			65.6	98.3	80.2	80.1	58.4	118.8	93.7	89.8	D	65
19:00 to 20:00 Hr			68.3	96.5	81.3		61.3	112.5	88.9			
20:00 to 21:00 Hr			68.9	99.6	80.6		60.6	110.3	90.3			
21:00 to 22:00 Hr		66.3	106.3	78.3	63.2		94.3	86.2				
22:00 to 23:00 Hr		N	55.6	91.0	66.3	62.3	58.2	91.5	75.3	71.9	N	55
23:00 to 24:00 Hr			53.6	84.3	58.3		55.6	86.3	68.5			

Location : C MKCG Medical College Hospital Campus	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			59.6	85.2	69.6	67.6	54.0	78.3	75.6	71.8	D	75
19:00 to 20:00 Hr			58.6	88.4	68.9		51.3	86.3	73.6			
20:00 to 21:00 Hr			54.1	84.3	65.3		55.6	80.3	74.3			
21:00 to 22:00 Hr		48.9	85.0	66.4	52.3		85.3	63.6				
22:00 to 23:00 Hr		N	43.6	78.3	62.3	61.4	43.2	75.3	55.6	55.3	N	70
23:00 to 24:00 Hr			45.2	77.2	60.4		42.3	70.6	54.9			

Location : D Industrial Estate, Ankuli	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			58.7	97.2	70.2	69.8	65.5	103.1	81.5	81.9	D	75
19:00 to 20:00 Hr			51.3	97.9	71.3		57.3	107.6	83.6			
20:00 to 21:00 Hr			54.1	91.2	69.3		60.2	102.6	84.6			
21:00 to 22:00 Hr		52.8	87.2	68.3	50.3		98.2	78.2				
22:00 to 23:00 Hr		N	51.3	78.6	62.3	58.4	55.9	84.2	72.9	69.0	N	70
23:00 to 24:00 Hr			48.9	72.3	54.5		45.2	81.3	65.1			

4. BHUBANESWAR

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2022:

Location: A Nayapalli	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard		
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	D	55
18:00 to 19:00 Hr			42.2	72.5	54.7	58.8	56.1	87.3	69.0	73.9			
19:00 to 20:00 Hr			46.4	76.9	63.2		57.0	91.6	75.7				
20:00 to 21:00 Hr			44.7	80.1	65.4		49.2	94.5	74.2				
21:00 to 22:00 Hr		42.8	69.3	51.9	56.1		98.5	76.9					
22:00 to 23:00 Hr		N	42.0	68.9	49.9	49.5	50.4	101.2	77.8	57.0	N	45	
23:00 to 24:00 Hr			37.6	65.1	49.0		32.6	51.2	36.2				

Location: B Sahid Nagar	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard		
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	D	65
18:00 to 19:00 Hr			57.2	81.6	67.0	65.7	61.8	89.6	79.9	79.9			
19:00 to 20:00 Hr			50.9	84.6	66.5		63.2	89.1	74.8				
20:00 to 21:00 Hr			54.8	84.5	66.4		62.6	92.7	81.5				
21:00 to 22:00 Hr		45.3	81.1	62.6	61.9		98.9	83.6					
22:00 to 23:00 Hr		N	51.9	69.8	60.4	55.7	64.3	71.6	67.8	61.2	N	55	
23:00 to 24:00 Hr			46.0	57.9	51.0		32.0	68.1	54.5				

Location: C Capital Hospital	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard		
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	D	50
18:00 to 19:00 Hr			42.2	67.8	56.7	56.2	36.5	60.0	46.7	58.6			
19:00 to 20:00 Hr			44.4	72.9	56.3		57.3	82.7	67.3				
20:00 to 21:00 Hr			39.8	78.2	55.3		56.0	81.2	68.7				
21:00 to 22:00 Hr		38.6	73.6	56.4	35.0		71.6	51.6					
22:00 to 23:00 Hr		N	32.2	63.6	48.9	43.9	42.5	67.7	49.8	45.3	N	40	
23:00 to 24:00 Hr			32.9	49.8	39.0		31.5	58.5	40.7				

Location: D Rasulgarh	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard		
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	D	75
18:00 to 19:00 Hr			55.4	84.0	70.2	66.4	57.3	93.4	71.0	70.1			
19:00 to 20:00 Hr			56.7	83.0	68.1		55.3	93.6	71.7				
20:00 to 21:00 Hr			45.7	79.2	64.7		39.0	86.7	67.4				
21:00 to 22:00 Hr		42.5	79.3	62.6	48.0		93.1	70.3					
22:00 to 23:00 Hr		N	43.0	74.1	55.6	47.8	44.5	78.8	62.3	58.2	N	70	
23:00 to 24:00 Hr			31.6	60.4	39.9		36.8	64.3	54.0				

5. CUTTACK

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2022:

Location : A Suryavihar Link Road	Zone	Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard		
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			57.2	74.5	60.2	63.8	49.2	84.9	67.1	72.0	D	55
19:00 to 20:00 Hr			58.3	84.4	68.2		58.7	90.0	73.6			
20:00 to 21:00 Hr			38.6	81.5	60.2		60.2	87.7	74.1			
21:00 to 22:00 Hr		42.7	78.9	66.5	49.5		90.4	73.0				
22:00 to 23:00 Hr		N	57.1	91.0	75.2	73.1	57.7	93.9	75.4	73.3	N	45
23:00 to 24:00 Hr			56.2	86.7	71.0		52.3	99.7	71.2			

Location : B Badambadi	Zone	Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard		
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			32.7	66.7	55.2	64.6	52.9	86.8	70.9	72.8	D	65
19:00 to 20:00 Hr			53.5	88.1	68.7		59.5	94.2	73.7			
20:00 to 21:00 Hr			38.1	83.7	64.5		56.8	94.1	73.3			
21:00 to 22:00 Hr		57.4	89.5	69.9	49.2		96.5	73.2				
22:00 to 23:00 Hr		N	57.0	92.1	76.4	71.5	60.5	93.9	76.3	73.4	N	55
23:00 to 24:00 Hr			56.6	85.5	66.6		51.4	91.0	70.4			

Location : C SCB Medical College & Hospital	Zone	Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard		
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			39.2	81.3	55.6	64.0	53.3	92.3	69.8	71.4	D	50
19:00 to 20:00 Hr			51.0	79.7	62.3		48.7	85.9	67.7			
20:00 to 21:00 Hr			50.6	81.1	66.1		58.3	107.1	77.0			
21:00 to 22:00 Hr		57.3	91.4	71.9	57.1		90.7	71.2				
22:00 to 23:00 Hr		N	50.4	88.1	71.8	69.4	57.3	91.2	76.5	73.8	N	40
23:00 to 24:00 Hr			52.1	83.5	67.0		57.1	85.0	71.1			

Location : D Khapuria Industrial Estate	Zone	Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard		
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			39.1	78.5	53.8	64.1	50.2	95.0	69.4	72.7	D	75
19:00 to 20:00 Hr			55.4	85.3	68.5		58.8	94.4	73.9			
20:00 to 21:00 Hr			58.0	83.9	69.2		52.3	94.8	73.6			
21:00 to 22:00 Hr		43.1	90.2	64.8	50.0		96.6	73.9				
22:00 to 23:00 Hr		N	57.4	90.6	75.7	65.1	50.7	104.6	76.9	71.6	N	70
23:00 to 24:00 Hr			44.0	73.7	54.4		57.2	89.5	66.3			

6. JHARSUGUDA

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2022:

Location : A Cox Colony	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			54.3	68.0	57.5	67.4	45.3	85.8	66.0	72.0	D	55
19:00 to 20:00 Hr			59.4	83.4	72.4							
20:00 to 21:00 Hr			45.6	88.2	69.3							
21:00 to 22:00 Hr		57.9	90.2	70.5								
22:00 to 23:00 Hr		N	43.1	80.2	63.9	65.3	56.8	99.4	77.1	73.9	N	45
23:00 to 24:00 Hr			51.7	84.6	66.6	50.2	90.5	70.7				

Location :B Near Jhanda Chowk	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			45.2	92.3	68.2	69.9	57.7	90.0	77.3	73.8	D	65
19:00 to 20:00 Hr			56.5	80.4	64.1							
20:00 to 21:00 Hr			57.1	90.8	69.9							
21:00 to 22:00 Hr		58.8	96.8	77.7								
22:00 to 23:00 Hr		N	41.1	91.4	70.6	63.5	55.4	104.3	76.2	80.4	N	55
23:00 to 24:00 Hr			44.8	79.1	56.3	57.3	116.9	84.6				

Location : C Near Covid Hospital	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			51.4	90.1	71.8	68.3	55.6	92.8	73.5	71.3	D	50
19:00 to 20:00 Hr			47.1	89.0	67.4							
20:00 to 21:00 Hr			46.3	81.2	66.9							
21:00 to 22:00 Hr		32.8	85.2	67.3								
22:00 to 23:00 Hr		N	43.1	89.3	68.9	61.7	41.9	99.2	75.8	78.1	N	40
23:00 to 24:00 Hr			27.3	81.6	54.6	47.4	108.6	80.4				

Location : D Near Bombay Chowk	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			52.7	86.5	74.6	69.4	48.5	89.9	63.8	70.1	D	75
19:00 to 20:00 Hr			56.9	84.5	68.2							
20:00 to 21:00 Hr			59.2	77.2	67.3							
21:00 to 22:00 Hr		53.2	85.1	67.6								
22:00 to 23:00 Hr		N	55.9	88.6	66.4	62.2	54.0	88.6	69.5	72.4	N	70
23:00 to 24:00 Hr			30.9	83.1	58.1	48.8	99.2	75.2				

7.KALINGANAGAR

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2022:-

Location : A Sapagadia	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			46.4	97.7	69.8	64.8	62.7	91.9	75.6	73.2	D	55
19:00 to 20:00 Hr			47.1	73.9	61.0		47.2	98.8	69.9			
20:00 to 21:00 Hr			30.9	81.9	54.7		58.3	108.2	78.3			
21:00 to 22:00 Hr		61.6	88.3	73.7	45.9		94.3	69.1				
22:00 to 23:00 Hr		N	61.3	89.9	73.5	63.7	36.9	86.5	76.5	71.7	N	45
23:00 to 24:00 Hr			41.5	71.0	53.9		36.4	92.3	66.9			
Location : B Gopabandhu Chowk		Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			60.9	91.0	73.3	69.0	64.0	95.6	86.4	77.9	D	65
19:00 to 20:00 Hr			59.4	87.1	69.7		57.6	98.0	72.0			
20:00 to 21:00 Hr			58.3	85.2	70.3		59.2	91.4	77.1			
21:00 to 22:00 Hr		47.4	84.5	62.8	57.5		98.3	75.9				
22:00 to 23:00 Hr		N	52.2	92.8	74.1	67.9	47.9	82.7	66.2	70.8	N	55
23:00 to 24:00 Hr			44.4	75.8	61.8		41.9	86.2	75.3			
Location : C CHC Hospital Premises, Jajpur road		Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			44.7	72.0	54.6	57.4	47.1	88.4	64.2	68.2	D	50
19:00 to 20:00 Hr			42.7	73.4	52.5		49.9	78.2	64.9			
20:00 to 21:00 Hr			43.3	76.4	60.2		31.8	98.8	73.6			
21:00 to 22:00 Hr		37.2	82.0	62.2	42.5		90.7	70.1				
22:00 to 23:00 Hr		N	42.0	79.5	64.1	65.3	39.9	78.6	55.5	65.5	N	40
23:00 to 24:00 Hr			49.8	82.8	66.5		43.2	85.3	75.5			
Location : D Kalinganagar Industrial Complex		Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			47.3	84.4	66.3	71.1	57.7	88.4	69.0	71.4	D	75
19:00 to 20:00 Hr			49.6	91.5	67.5		57.0	93.3	72.0			
20:00 to 21:00 Hr			40.8	94.3	73.1		59.4	87.3	73.8			
21:00 to 22:00 Hr		47.9	107.5	77.5	57.5		81.9	70.7				
22:00 to 23:00 Hr		N	41.8	86.5	71.2	65.7	61.8	89.0	75.9	75.5	N	70
23:00 to 24:00 Hr			39.0	86.5	60.2		64.7	84.5	75.0			

8.KEONJHAR

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2022:

Location : A Baniapatchowk	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			46.8	91.5	69.6	63.1	51.9	97.0	72.3	80.2	D	55
19:00 to 20:00 Hr			44.6	88.9	63.9		51.9	106.6	77.2			
20:00 to 21:00 Hr			42.0	86.9	64.5		48.1	116.4	87.2			
21:00 to 22:00 Hr		32.7	72.8	54.2	42.1		104.8	83.9				
22:00 to 23:00 Hr		N	36.6	66.3	41.6	41.3	31.9	110.7	81.7	61.2	N	45
23:00 to 24:00 Hr			29.1	69.6	40.9		28.0	70.3	40.7			

Location :B Punjabi Chowk	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			55.7	91.9	70.5	65.9	46.1	90.0	66.0	71.5	D	65
19:00 to 20:00 Hr			44.6	98.5	72.5		50.1	98.9	73.7			
20:00 to 21:00 Hr			42.1	74.2	59.9		47.0	101.1	77.1			
21:00 to 22:00 Hr		40.9	85.3	60.7	45.5		96.9	69.1				
22:00 to 23:00 Hr		N	32.4	85.8	56.5	53.4	45.6	91.7	66.8	59.9	N	55
23:00 to 24:00 Hr			41.5	76.8	50.2		28.1	77.9	52.9			

Location : C DHQ Hospital	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			44.6	72.0	58.8	55.2	37.6	96.3	67.2	67.1	D	50
19:00 to 20:00 Hr			34.5	79.1	53.5		31.3	81.5	63.7			
20:00 to 21:00 Hr			31.6	82.1	55.1		49.9	90.4	73.7			
21:00 to 22:00 Hr		31.5	71.8	53.4	35.7		82.5	63.9				
22:00 to 23:00 Hr		N	34.7	86.6	58.9	48.4	45.3	81.1	64.1	53.6	N	40
23:00 to 24:00 Hr			28.0	61.8	37.8		38.4	52.4	42.6			

9. Konark

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2022:

Location: A Madhipur	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			45.2	71.7	57.9	56.3	46.3	86.1	71.4	61.8	D	55
19:00 to 20:00 Hr			44.3	70.4	56.2							
20:00 to 21:00 Hr			47.0	71.9	54.2							
21:00 to 22:00 Hr		48.4	70.1	57.0								
22:00 to 23:00 Hr		N	41.1	70.5	52.5	48.3	36.4	67.4	52.8	48.6	N	45
23:00 to 24:00 Hr			37.7	55.7	44.0		27.9	65.7	44.4			

Location: B NAC Market	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			48.8	78.5	63.2	66.4	56.4	90.3	81.3	72.9	D	65
19:00 to 20:00 Hr			52.9	74.4	61.9							
20:00 to 21:00 Hr			58.3	85.2	72.8							
21:00 to 22:00 Hr		52.4	83.8	67.7								
22:00 to 23:00 Hr		N	38.4	76.3	59.5	56.4	44.4	75.3	62.4	62.2	N	55
23:00 to 24:00 Hr			34.8	70.6	53.2		46.1	75.7	61.9			

Location: C Public Health Centre	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			25.8	74.6	53.3	50.2	45.6	77.9	58.5	57.2	D	50
19:00 to 20:00 Hr			30.1	68.9	50.4							
20:00 to 21:00 Hr			36.1	67.7	48.7							
21:00 to 22:00 Hr		35.0	59.1	48.3								
22:00 to 23:00 Hr		N	35.5	64.9	46.9	43.9	38.9	58.0	46.5	45.8	N	40
23:00 to 24:00 Hr			25.3	59.1	40.9		29.7	63.2	45.0			

10. PARADEEP

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2022:

Location : A Madhuban Paradeep	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			39.0	77.8	57.8	55.7	40.3	85.2	58.7	64.1	D	55
19:00 to 20:00 Hr			39.6	72.4	56.1		42.5	90.2	64.4			
20:00 to 21:00 Hr			40.3	77.0	59.4		42.1	82.0	63.7			
21:00 to 22:00 Hr		38.6	73.9	49.5	33.5		89.4	69.6				
22:00 to 23:00 Hr		N	38.6	76.8	59.0	51.9	29.9	89.6	70.9	65.5	N	45
23:00 to 24:00 Hr			36.0	57.9	44.7		30.9	74.3	60.1			

Location :B Badapadia Market Paradeep	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			51.2	85.5	66.5	65.8	35.8	84.5	61.5	66.6	D	65
19:00 to 20:00 Hr			50.1	90.8	68.1		51.4	86.6	68.2			
20:00 to 21:00 Hr			51.2	81.9	65.7		52.7	96.5	71.4			
21:00 to 22:00 Hr		48.0	79.6	63.1	37.5		87.8	65.4				
22:00 to 23:00 Hr		N	45.8	83.9	66.3	59.5	33.1	84.3	64.0	63.2	N	55
23:00 to 24:00 Hr			36.9	82.3	52.6		30.3	84.2	62.3			

Location : C Bijumemorial Hospital, Paradeep	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			41.9	73.7	55.4	57.9	41.3	82.9	61.3	62.9	D	50
19:00 to 20:00 Hr			41.6	69.3	55.5		41.7	79.8	59.0			
20:00 to 21:00 Hr			41.6	89.4	63.7		45.8	86.4	68.5			
21:00 to 22:00 Hr		39.8	75.0	57.2	42.0		82.9	62.8				
22:00 to 23:00 Hr		N	37.7	71.0	55.4	49.3	29.0	83.3	56.1	52.3	N	40
23:00 to 24:00 Hr			35.8	68.0	43.2		36.3	67.4	48.6			

Location : D IFFCO Paradeep	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			45.4	77.5	61.9	59.2	41.5	91.7	68.2	68.0	D	50
19:00 to 20:00 Hr			50.3	94.2	67.2		42.5	90.2	64.4			
20:00 to 21:00 Hr			32.6	68.7	48.2		50.5	81.5	69.9			
21:00 to 22:00 Hr		49.3	80.8	59.4	33.5		89.4	69.6				
22:00 to 23:00 Hr		N	27.8	85.5	62.7	60.2	47.9	77.8	62.4	61.9	N	40
23:00 to 24:00 Hr			37.9	83.3	57.7		44.2	80.7	61.4			

11. PURI

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2022:

Location: A Kumutisahi, Old Sadarlane, Puri	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			50.7	86.8	69.1	60.9	54.1	89.0	68.7	75.2	D	55
19:00 to 20:00 Hr			39.9	78.8	60.0		51.6	113.2	87.7			
20:00 to 21:00 Hr			47.9	64.5	56.7		51.4	87.0	70.1			
21:00 to 22:00 Hr		47.2	67.4	57.8	50.6		89.8	74.1				
22:00 to 23:00 Hr		N	45.0	67.4	54.2	53.8	41.6	85.3	61.5	60.4	N	45
23:00 to 24:00 Hr			41.3	65.1	53.4		40.7	70.0	59.2			

Location: B Gundicha mandira, Puri	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			56.9	80.9	67.8	65.7	57.9	84.9	68.9	72.6	D	65
19:00 to 20:00 Hr			62.9	88.6	69.5		59.0	81.0	67.6			
20:00 to 21:00 Hr			56.1	80.8	63.9		58.9	100.8	79.8			
21:00 to 22:00 Hr		57.8	71.7	61.6	55.3		96.4	74.1				
22:00 to 23:00 Hr		N	46.2	71.9	61.1	56.8	55.5	83.3	65.8	64.6	N	55
23:00 to 24:00 Hr			43.6	62.6	52.5		49.7	82.4	63.4			

Location: C District Head Quarter Hospital	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			46.2	70.6	58.1	55.7	55.3	82.8	66.0	67.8	D	50
19:00 to 20:00 Hr			46.4	69.5	57.4		49.2	97.9	73.6			
20:00 to 21:00 Hr			44.5	69.0	52.9		47.8	76.8	61.9			
21:00 to 22:00 Hr		45.0	67.4	54.2	49.4		84.5	69.6				
22:00 to 23:00 Hr		N	41.6	59.9	47.3	45.5	45.1	91.3	67.5	62.2	N	40
23:00 to 24:00 Hr			32.3	54.6	43.7		45.4	75.5	57.0			

12.RAYAGADA

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2022:

Location :A Indira Nagar	Zone	Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard		
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			39.4	85.6	68.4	63.8	45.6	93.3	69.1	81.9	D	55
19:00 to 20:00 Hr			44.6	74.9	63.2		52.8	114.9	88.3			
20:00 to 21:00 Hr			45.8	92.6	61.1		53.1	111.9	86.6			
21:00 to 22:00 Hr		47.0	94.0	62.4	49.8		114.5	83.8				
22:00 to 23:00 Hr		N	42.4	81.6	59.2	56.5	40.5	84.3	61.5	59.4	N	45
23:00 to 24:00 Hr			32.1	70.0	53.7	38.4	76.5	57.2				

Location : B Main Market	Zone	Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard		
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			54.6	94.8	75.5	72.3	58.4	95.3	75.3	74.3	D	65
19:00 to 20:00 Hr			52.9	99.6	71.9		49.0	96.1	73.8			
20:00 to 21:00 Hr			51.4	88.2	72.0		44.2	94.0	75.6			
21:00 to 22:00 Hr		49.6	94.6	69.8	40.9		101.3	72.4				
22:00 to 23:00 Hr		N	44.8	85.5	62.7	63.2	29.3	88.2	70.3	70.1	N	55
23:00 to 24:00 Hr			47.3	77.3	63.6	27.9	85.7	69.9				

Location : C DHH Rayagada	Zone	Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard		
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			48.6	83.2	68.8	66.4	51.3	87.8	65.5	67.3	D	50
19:00 to 20:00 Hr			51.9	71.9	64.1		51.3	87.6	67.7			
20:00 to 21:00 Hr			44.6	79.7	69.2		43.3	91.1	68.2			
21:00 to 22:00 Hr		47.9	81.5	63.5	51.9		88.2	67.6				
22:00 to 23:00 Hr		N	45.8	75.4	59.0	55.6	29.9	87.3	74.8	70.1	N	40
23:00 to 24:00 Hr			39.6	69.9	52.1	27.8	80.9	65.3				

Location : D Near JESCO	Zone	Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard		
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			51.1	93.2	75.4	67.9	47.9	98.5	73.8	71.2	D	75
19:00 to 20:00 Hr			50.0	91.5	69.9		44.2	94.1	71.4			
20:00 to 21:00 Hr			37.0	85.6	63.5		48.3	90.0	67.2			
21:00 to 22:00 Hr		42.1	83.0	63.1	48.5		98.7	72.3				
22:00 to 23:00 Hr		N	46.5	76.5	59.5	60.7	38.8	93.2	71.9	71.1	N	70
23:00 to 24:00 Hr			47.9	68.2	61.9	35.6	91.1	70.3				

13.ROURKELA

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2022:

Location :A Sector-06	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			43.3	81.8	61.2	64.9	43.9	93.4	70.1	75.7	D	55
19:00 to 20:00 Hr			46.3	101.9	70.3							
20:00 to 21:00 Hr			45.3	99.7	65.6							
21:00 to 22:00 Hr		45.1	87.6	62.6								
22:00 to 23:00 Hr		N	48.2	73.6	63.2	63.7	47.6	94.6	69.7	68.8	N	45
23:00 to 24:00 Hr			40.7	92.3	64.1		48.5	89.3	67.8			

Location : B Amabagaan	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			54.3	119.8	87.9	78.4	54.1	119.6	87.8	78.6	D	65
19:00 to 20:00 Hr			59.4	109.5	81.5							
20:00 to 21:00 Hr			59.4	69.6	68.9							
21:00 to 22:00 Hr		60.8	96.1	75.2								
22:00 to 23:00 Hr		N	45.0	90.0	64.9	65.7	52.6	99.7	76.2	74.3	N	55
23:00 to 24:00 Hr			46.9	82.5	66.5		51.8	95.8	72.3			

Location : C IGH, Steel Township	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			38.2	68.1	48.8	51.7	45.0	87.6	62.1	65.5	D	50
19:00 to 20:00 Hr			51.3	52.9	52.8							
20:00 to 21:00 Hr			50.9	55.7	54.8							
21:00 to 22:00 Hr		44.6	56.1	50.2								
22:00 to 23:00 Hr		N	44.3	51.8	49.6	45.6	43.4	77.2	58.0	58.1	N	40
23:00 to 24:00 Hr			35.6	53.8	41.6		43.1	82.8	58.1			

Location : D Rourkela Steel Plant	Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard	
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			44.2	81.8	61.3	64.8	51.9	95.9	72.2	72.6	D	75
19:00 to 20:00 Hr			45.0	86.2	62.1							
20:00 to 21:00 Hr			45.3	99.8	65.7							
21:00 to 22:00 Hr		47.8	101.9	70.1								
22:00 to 23:00 Hr		N	46.3	92.1	64.2	63.7	46.4	82.0	64.6	64.1	N	70
23:00 to 24:00 Hr			47.8	73.4	63.1		45.7	82.4	63.7			

14.SAMBALPUR

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2022:

Location : A Ainthapalli		Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard			
Time duration		Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)			
18:00 to 19:00 Hr				56.3	87.3	66.2	60.3	56.2	109.1	77.1	73.3	D	55		
19:00 to 20:00 Hr				48.2	79.7	59.1		57.4	96.1	73.1					
20:00 to 21:00 Hr				48.3	74.6	56.7		49.8	99.8	75.4					
21:00 to 22:00 Hr				44.9	76.9	59.1		51.4	92.0	67.4					
22:00 to 23:00 Hr			44.8	66.2	50.5	52.0	46.5	93.3	66.8	65.4	N			45	
23:00 to 24:00 Hr			43.4	78.6	53.5	44.0	86.9	64.0							

Location : B Goal Bazar Chowk		Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard			
Time duration		Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)			
18:00 to 19:00 Hr				67.4	102.4	78.5	75.0	53.6	93.2	70.5	76.1	D	65		
19:00 to 20:00 Hr				62.7	100.4	76.6		55.7	103.2	77.3					
20:00 to 21:00 Hr				62.9	99.3	77.8		56.9	103.7	77.2					
21:00 to 22:00 Hr				49.9	93.0	67.2		55.1	106.7	79.2					
22:00 to 23:00 Hr			49.0	86.2	65.2	63.5	54.2	105.3	84.4	74.7	N			55	
23:00 to 24:00 Hr			42.9	70.4	61.8	41.2	91.5	64.9							

Location : C Dist H.Q Hospital Modipara		Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard			
Time duration		Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)			
18:00 to 19:00 Hr				38.6	69.7	50.5	47.1	37.7	77.0	51.9	65.5	D	50		
19:00 to 20:00 Hr				41.3	68.1	47.7		45.4	98.3	68.6					
20:00 to 21:00 Hr				41.6	62.3	45.9		48.4	99.4	70.4					
21:00 to 22:00 Hr				38.4	61.8	44.4		48.8	97.8	71.1					
22:00 to 23:00 Hr			38.6	68.7	44.2	47.4	46.7	97.1	73.3	69.6	N			40	
23:00 to 24:00 Hr			36.7	58.0	50.6	40.9	91.9	66.0							

Location : D Bareipali		Zone		Pre- Deepawali (18.10.2022)				During Deepawali (24.10.2022)				Standard			
Time duration		Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)			
18:00 to 19:00 Hr				50.4	84.4	63.7	60.9	43.1	112.9	83.3	76.7	D	75		
19:00 to 20:00 Hr				47.3	81.1	63.2		43.5	105.7	78.2					
20:00 to 21:00 Hr				42.3	84.8	60.4		49.9	84.1	69.1					
21:00 to 22:00 Hr				43.4	77.8	56.3		51.7	108.1	76.3					
22:00 to 23:00 Hr			47.3	76.0	55.9	56.5	42.1	86.6	68.3	69.2	N			70	
23:00 to 24:00 Hr			45.7	74.5	57.1	42.7	87.3	70.1							

N.B:-D-Day Time (6PM to 10PM), N-Night Time (10PM to 12.00AM) as per CPCB Noise monitoring Field Protocol

Noise level in dB(A) Leq at different location of Odisha in Pre and During Deepawali during the year 2022

Sl.No	Towns/Cities	Monitoring Locations	Normal Day (18.10.2022)		On the day of Deepawali (24.10.2022)	
			D	N	D	N
1	Angul	1.Amalapada(R)	65.3	60.2	71.6	63.2
		2.Bazar chhak(C)	77.9	69.4	81.1	71.0
		3.District Head Quarter Hospital(S)	64.5	59.5	64.8	60.8
		4.Hakimpada(I)	60.7	58.3	64.4	62.6
2	Balasore	5.Sahadevkhunta(R)	33.6	32.4	57.9	40.8
		6.Motiganj Bazar(C)	48.4	39.2	54.7	53.3
		7.District Head Quarter Hospital(S)	28.7	28.7	39.6	33.7
		8.Balasore Industrial Estate(I)	38.8	34.8	43.3	38.5
3	Berhampur	9.Brahmanagar(R)	74.3	63.3	86.9	76.9
		10.Girija market square(C)	80.1	62.3	89.8	71.9
		11.MKCG Medical & Hospital(S)	67.6	61.4	71.8	55.3
		12.Ankuli(I)	69.8	58.4	81.9	69.0
4	Bhubaneswar	13.Nayapalli(R)	58.8	49.5	73.9	57.0
		14.Sahidnagar(C)	65.7	55.7	79.9	61.2
		15.Capital Hospital(S)	56.2	43.9	58.6	45.3
		16.Rasulgarh(I)	66.4	47.8	70.1	58.2
5	Cuttack	17.Suryavihar(R)	63.8	73.1	72.0	73.3
		18.Badambadi(C)	64.6	71.5	72.8	73.4
		19.SCB Medical College(S)	64.0	69.4	71.4	73.8
		20.Khapuria(I)	64.1	65.1	72.7	71.6
6	Jharsuguda	21.Cox colony(R)	67.4	65.3	72.0	73.9
		22.Jhanda Chowk(C)	69.9	63.5	73.8	80.4
		23.covid Hospital(S)	68.3	61.7	71.3	78.1
		24.Bombay Chowk(I)	69.4	62.2	70.1	72.4
7	Kalinganagar	25.Sapagadia(R)	64.8	63.7	73.2	71.7
		26.Gopabandhu Chowk(C)	69.0	67.9	77.9	70.8
		27.CHC Hospital(S)	57.4	65.3	68.2	65.5
		28.Kalinga nagar industrial complex (I)	71.1	65.7	71.4	75.5
8	Keonjhar	29.Baniapat Chowk(R)	63.1	41.3	80.2	61.2
		30.Punjabi Chowk(C)	65.9	53.4	71.5	59.9
		31.DHQ Hospital(S)	55.2	48.4	67.1	53.6
9	Konark	32.Madhipur(R)	56.3	48.3	61.8	48.6
		33.NAC Market(C)	66.4	56.4	72.9	62.2
		34.Public Health Centre(S)	50.2	43.9	57.2	45.8
10	Paradeep	35.Madhuban(R)	55.7	51.9	64.1	65.5
		36.Badapadia Market(C)	65.8	59.5	66.6	63.2
		37.Bijumemorial Hospital(S)	57.9	49.3	62.9	52.3
		38.IFFCO Ltd(I)	59.2	60.2	68.0	61.9
11	Puri	39.Kumutisahi, Old Sadar lane(R)	60.9	53.8	75.2	60.4
		40.Near Gundicha Mandir(C)	65.7	56.8	72.6	64.6
		41.District Head Quarter Hospital(S)	55.7	45.5	67.8	62.2
12	Rayagada	42.Indiranagar(R)	63.8	56.5	81.9	59.4
		43.Main market(C)	72.3	63.2	74.3	70.1
		44.District Head Quarter Hospital(S)	66.4	55.6	67.3	70.1
		45.Jesco(I)	67.9	60.7	71.2	71.1
13	Rourkela	46.Sector-6(R)	64.9	63.7	75.7	68.8
		47.Ambagaan(C)	78.4	65.7	78.6	74.3
		48.IGH steel Township(S)	51.7	45.6	65.5	58.1
		49.RSPL Sail(I)	64.8	63.7	72.6	64.1
14	Sambalpur	50.Ainthapali(R)	60.3	52.0	73.3	65.4
		51.Golebazar(C)	75.0	63.5	76.1	74.7
		52.District Head Quarter Hospital(S)	47.1	47.4	65.5	69.6
		53.Bareipali(I)	60.9	56.5	76.7	69.2

Ambient Noise Standard(In Leq dB(A))

Category of area zone	Day Time	Night Time
Industrial area(I)	75	70
Commercial area(C)	65	55
Residential area(R)	55	45
Siience area(S)	50	40

N.B:-D-Day Time monitoring period (6PM to 10PM), N-Night Time monitoring period (10PM to 12.00 AM)

AMBIENT AIR QUALITY STATUS OF MAJOR CITIES/TOWNS IN PRE & ON THE DAY OF DEEPAWALI FESTIVAL, 2022

Sl.no	Towns/cities	Monitoring Locations	Parameter Monitored							
			SO ₂		NO ₂		PM ₁₀		PM _{2.5}	
			Values are expressed in microgram per cubic meter							
			PRE	DURING	PRE	DURING	PRE	DURING	PRE	DURING
1	Angul	1. RO, SPCB Office Building	9.5	16.6	29.3	32.1	87	125	41	63
		2. Nalco Township	10.1	16.6	24.3	33.5	89	140	39	55
2	Balasore	3. Ganeswarpur	BDL	7.9	10.6	14.0	70	110	41	52
		4. Oriplast, OT Road	BDL	7.6	10.5	14.3	42	110	73	55
		5. Rasalpur Industrial Estate	7.6	9.4	11.0	15.6	77	118	43	65
3	Berhampur	6. Brahmanagar	7.5	48.2	28.4	70.6	60	124	19	54
4	Bhubaneswar	7. Office Building	BDL	4.9	16.5	21.6	111	160	50	64
		8. IRC Nayapalli	BDL	10.9	20.8	26.6	110	142	29	72
		9. Capital Police Station	BDL	6.9	16.3	24.4	121	212	37	67
		10. Khandagiri Police Station	BDL	9.6	15.9	28.2	90	195	40	67
		11. Chandrasekharpur	BDL	7.6	14.8	25.2	89	165	29	53
		12. Palasuni water works	BDL	4.5	12.8	19.7	129	138	42	80
5	Bonaigarh	13. Govt. Hospital Bonai	13.7	24.6	15.8	29.5	57	119	27	46
6	Cuttack	14. RO, SPCB Office Building Suryavihar	5.5	7.4	21.3	26.0	114	176	41	67
		15. PHD office, Barabati	4.5	6.3	19.8	24.5	86	150	33	54
		16. Hotel Bishal-inn, Badambadi	4.3	4.9	17.0	22.9	110	146	34	55
7	Jharsuguda	17. RO, SPCB Office Building, Cox Colony, Babubagicha	8.5	32.0	12.6	38.4	77	165	34	97
		18. TRL colony	9.4	14.5	16.1	20.0	122	167	67	88
8	Kalinganagar	19. RO, Kalinganagar	5.8	9.3	13.6	15.1	85	139	58	71
		20. BRPL Guest House	5.2	14.2	12.7	17.0	86	125	NM	NM
		21. DET Hostel, MS Tata steel	5.7	15.5	13.6	17.6	69	128	41	68
9	Keonjhar	22. RO, SPCB Office Building	BDL	BDL	15.9	19.8	75	118	40	57
10	Konark	23. Police Station, Konark	BDL	BDL	13.6	20.0	50	104	18	36
11	Paradeep	24. STP Building, IFFCO,	13.2	24.4	10.3	17.4	93	145	38	72
		25. PPL Guest House,	14.2	26.0	11.1	17.5	85	159	36	77
		26. PPT Staff Quarters,	13.8	27.6	11.5	18.5	84	159	33	87
12	Puri	27. Town Police Station	BDL	4.9	11.5	27.7	95	152	21	49
		28. Sadar Police Station	BDL	6.0	10.9	30.0	91	223	19	71
13	Rayagada	29. RO, SPCB Office Building	5.3	11.0	15.7	22.3	60	113	25	76
		30. LPS High School	7.6	9.6	18.2	20.1	64	105	NM	NM
14	Rajgangpur	31. DISIR Rajgangpur	10.8	10.8	12.9	13.9	89	153	26	40
15	Rourkela	32. RO, SPCB Office Building	12.1	18.1	10.9	15.9	90	169	45	65
		33. IDL Police Outpost	11.2	26.8	13.7	32.3	82	106	58	55
		34. IDC Kalunga	13.5	25.3	12.9	21.8	143	155	55	54
		35. Kuanarmunda	15.6	27.3	16.7	26.2	87	144	48	92
16	Sambalpur	36. Modipara	6.5	18.3	24.5	40.6	65	191	28	80
17	Talcher	37. Talcher Thermal	10.3	17.0	28.0	33.6	84	134	39	67
		38. MCL area, Talcher	9.7	13.3	28.5	31.6	86	131	29	42
Standard on 24hrly avg. Basis			80		80		100		60	

N.B-BDL-Below Detection Limit, BDL value for SO₂ ≤ 4 µg/m³, NM-Not Monitored

Continuous Ambient Air Monitoring Data from 17.10.2022 - 31.10.2022 of different towns/ cities On the eve of Deepawali, 2022.

1.Angul

2. Berhampur

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	17.10.2022	10.1	24.3	89	39
2.	18.10.2022	9.5	29.3	87	41
3.	19.10.2022	11.1	25.5	95	41
4.	20.10.2022	8.7	23.5	86	35
5.	21.10.2022	8.4	29.7	93	37
6.	22.10.2022	8.8	31.0	105	40
7.	23.10.2022	10.7	27.4	91	39
8.	24.10.2022	16.6	32.1	125	63
9.	25.10.2022	10.1	23.0	111	53
10.	26.10.2022	11.4	28.3	109	50
11.	27.10.2022	9.6	24.7	97	43
12.	28.10.2022	12.6	29.3	106	47
13.	29.10.2022	10.1	27.2	109	36
14.	30.10.2022	10.2	26.1	83	34
15.	31.10.2022	11.7	21.4	94	38

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	17.10.2022	6.0	24.5	58	20
2.	18.10.2022	7.5	28.4	60	19
3.	19.10.2022	5.8	26.2	62	23
4.	20.10.2022	4.9	22.3	53	17
5.	21.10.2022	7.9	24.0	55	22
6.	22.10.2022	9.2	31.2	59	26
7.	23.10.2022	9.5	25.8	62	24
8.	24.10.2022	48.2	70.6	124	54
9.	25.10.2022	32.2	45.3	102	48
10.	26.10.2022	12.3	40.6	95	32
11.	27.10.2022	7.8	30.6	60	30
12.	28.10.2022	6.9	28.0	61	28
13.	29.10.2022	7.3	27.3	62	21
14.	30.10.2022	8.9	25.3	62	20
15.	31.10.2022	8.0	23.6	64	23

3.Balasore

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	17.10.2022	BDL	10.8	74	39
2.	18.10.2022	BDL	10.6	70	41
3.	19.10.2022	BDL	10.6	71	40
4.	20.10.2022	BDL	10.9	76	43
5.	21.10.2022	BDL	10.8	75	43
6.	22.10.2022	BDL	11.0	83	43
7.	23.10.2022	BDL	11.1	87	45
8.	24.10.2022	7.9	14.0	110	52
9.	25.10.2022	6.3	13.1	97	51
10.	26.10.2022	BDL	12.2	92	49
11.	27.10.2022	BDL	10.6	81	45
12.	28.10.2022	BDL	10.8	78	46
13.	29.10.2022	BDL	10.9	76	44
14.	30.10.2022	BDL	11.0	77	40
15.	31.10.2022	BDL	10.8	82	43

N.B:-BDL- Below Detectable Limit, BDL Value for SO₂ ≤4 µg/m³

4. Bhubaneswar

(i) Office Building

Sl.No	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	17.10.2022	BDL	15.5	68	35
2.	18.10.2022	BDL	16.5	111	50
3.	19.10.2022	BDL	16.4	95	38
4.	20.10.2022	BDL	16.6	122	43
5.	21.10.2022	BDL	16.2	95	39
6.	22.10.2022	BDL	15.5	109	31
7.	23.10.2022	BDL	16.6	100	45
8.	24.10.2022	4.9	21.6	160	64
9.	25.10.2022	BDL	16.8	110	46
10.	26.10.2022	BDL	14.8	103	39
11.	27.10.2022	BDL	14.8	91	35
12.	28.10.2022	BDL	15.6	84	32
13.	29.10.2022	BDL	16.8	86	31
14.	30.10.2022	BDL	15.8	98	41
15.	31.10.2022	BDL	15.6	101	41

(ii) Central Laboratory

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	17.10.2022	BDL	16.0	79	26
2.	18.10.2022	BDL	14.8	89	29
3.	19.10.2022	BDL	15.1	108	33
4.	20.10.2022	BDL	16.4	98	32
5.	21.10.2022	BDL	15.0	105	30
6.	22.10.2022	BDL	14.9	140	36
7.	23.10.2022	BDL	15.0	150	38
8.	24.10.2022	7.6	25.2	165	53
9.	25.10.2022	BDL	14.5	124	33
10.	26.10.2022	BDL	15.0	116	31
11.	27.10.2022	BDL	16.4	112	34
12.	28.10.2022	BDL	15.9	118	30
13.	29.10.2022	BDL	14.3	107	33
14.	30.10.2022	BDL	15.5	116	35
15.	31.10.2022	BDL	14.8	105	39

5. Cuttack

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	17.10.2022	BDL	19.5	99	23
2.	18.10.2022	5.5	21.3	114	41
3.	19.10.2022	4.9	20.7	119	40
4.	20.10.2022	5.2	22.6	110	35
5.	21.10.2022	4.5	20.3	118	36
6.	22.10.2022	4.8	20.4	119	40
7.	23.10.2022	5.2	21.1	124	44
8.	24.10.2022	7.4	26.0	176	67
9.	25.10.2022	5.9	22.9	118	48
10.	26.10.2022	5.1	21.8	128	57
11.	27.10.2022	6.5	23.2	140	44
12.	28.10.2022	4.7	21.2	126	48
13.	29.10.2022	5.3	21.5	122	52
14.	30.10.2022	BDL	21.1	126	49
15.	31.10.2022	6.1	21.8	125	53

6. Jharsuguda city

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	17.10.2022	7.7	13.1	76	30
2.	18.10.2022	8.5	12.6	77	34
3.	19.10.2022	8.3	12.8	92	47
4.	20.10.2022	8.4	12.5	97	55
5.	21.10.2022	8.4	13.0	120	60
6.	22.10.2022	8.8	12.6	107	51
7.	23.10.2022	9.3	13.5	111	55
8.	24.10.2022	32.0	38.4	165	97
9.	25.10.2022	20.6	22.6	156	85
10.	26.10.2022	11.4	14.8	143	72
11.	27.10.2022	9.3	13.6	137	64
12.	28.10.2022	10.1	14.0	118	55
13.	29.10.2022	9.5	14.6	115	51
14.	30.10.2022	8.9	14.3	143	68
15.	31.10.2022	10.1	15.3	127	50

N.B:-BDL- Below Detectable Limit, BDL Value for SO₂ ≤4 µg/m³

7.Kalinganagar

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	17.10.2022	6.1	13.6	87	50
2.	18.10.2022	5.8	13.6	85	58
3.	19.10.2022	5.7	13.9	140	68
4.	20.10.2022	6.0	14.0	137	69
5.	21.10.2022	6.0	13.7	114	60
6.	22.10.2022	6.3	13.9	95	45
7.	23.10.2022	7.4	14.4	125	68
8.	24.10.2022	9.3	15.1	139	71
9.	25.10.2022	11.6	15.0	141	65
10.	26.10.2022	7.7	14.4	131	61
11.	27.10.2022	7.1	14.3	96	45
12.	28.10.2022	6.2	14.1	130	63
13.	29.10.2022	6.3	14.1	112	60
14.	30.10.2022	5.7	14.3	133	62
15.	31.10.2022	5.8	13.5	132	58

8.Keonjhar city

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	17.10.2022	BDL	14.8	44	24
2.	18.10.2022	BDL	15.9	75	40
3.	19.10.2022	BDL	14.6	75	39
4.	20.10.2022	BDL	13.5	88	32
5.	21.10.2022	BDL	13.5	74	38
6.	22.10.2022	BDL	13.1	67	41
7.	23.10.2022	BDL	15.9	80	45
8.	24.10.2022	BDL	19.8	118	57
9.	25.10.2022	BDL	16.4	92	45
10.	26.10.2022	BDL	13.6	77	41
11.	27.10.2022	BDL	15.8	73	46
12.	28.10.2022	BDL	15.5	78	57
13.	29.10.2022	BDL	13.3	86	55
14.	30.10.2022	BDL	12.6	81	56
15.	31.10.2022	BDL	12.9	78	54

9.Konark

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	17.10.2022	BDL	12.5	39	15
2.	18.10.2022	BDL	13.6	50	18
3.	19.10.2022	BDL	12.5	44	16
4.	20.10.2022	BDL	12.5	49	19
5.	21.10.2022	BDL	12.7	43	17
6.	22.10.2022	BDL	12.5	51	18
7.	23.10.2022	BDL	12.0	55	19
8.	24.10.2022	BDL	20.0	104	36
9.	25.10.2022	BDL	13.9	73	24
10.	26.10.2022	BDL	13.7	65	21
11.	27.10.2022	BDL	13.2	58	19
12.	28.10.2022	BDL	13.8	77	25
13.	29.10.2022	BDL	13.1	68	23
14.	30.10.2022	BDL	12.2	67	22
15.	31.10.2022	BDL	12.5	72	26

N.B:-BDL- Below Detectable Limit, BDL Value for SO₂ ≤4 µg/m³

10.Puri

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	17.10.2022	BDL	15.0	92	25
2.	18.10.2022	BDL	10.9	91	19
3.	19.10.2022	BDL	15.8	89	25
4.	20.10.2022	BDL	13.1	92	26
5.	21.10.2022	BDL	15.8	98	27
6.	22.10.2022	BDL	15.8	100	28
7.	23.10.2022	BDL	17.0	101	29
8.	24.10.2022	6.0	30.0	223	71
9.	25.10.2022	5.5	22.3	184	45
10.	26.10.2022	BDL	18.1	140	36
11.	27.10.2022	BDL	16.6	116	31
12.	28.10.2022	BDL	15.9	111	30
13.	29.10.2022	BDL	16.8	114	29
14.	30.10.2022	BDL	16.2	112	28
15.	31.10.2022	BDL	14.2	104	28

11. Paradeep

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	17.10.2022	14.2	10.0	87	37
2.	18.10.2022	13.8	11.5	84	33
3.	19.10.2022	14.1	11.7	109	48
4.	20.10.2022	14.9	12.4	97	45
5.	21.10.2022	15.7	11.4	94	39
6.	22.10.2022	14.9	12.7	105	44
7.	23.10.2022	15.3	10.9	80	34
8.	24.10.2022	27.6	18.5	159	87
9.	25.10.2022	17.0	12.1	119	59
10.	26.10.2022	16.4	11.7	91	38
11.	27.10.2022	15.0	11.2	93	38
12.	28.10.2022	14.6	11.0	83	35
13.	29.10.2022	14.0	BDL	95	36
14.	30.10.2022	14.2	10.2	102	41
15.	31.10.2022	16.3	10.0	87	32

N.B:-BDL- Below Detectable Limit, BDL Value for SO₂ ≤4 µg/m³

12.Rayagada

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	17.10.2022	5.4	15.1	59	28
2.	18.10.2022	5.3	15.7	60	25
3.	19.10.2022	5.2	14.9	58	26
4.	20.10.2022	5.6	16.6	66	31
5.	21.10.2022	5.2	15.5	70	33
6.	22.10.2022	6.0	17.8	73	36
7.	23.10.2022	7.1	18.5	76	42
8.	24.10.2022	11.0	22.3	113	76
9.	25.10.2022	6.9	18.3	81	44
10.	26.10.2022	5.4	16.8	79	41
11.	27.10.2022	5.1	16.7	77	39
12.	28.10.2022	4.6	15.5	80	43
13.	29.10.2022	5.7	17.0	83	45`
14.	30.10.2022	4.7	16.7	78	38
15.	31.10.2022	5.1	16.3	75	37

13. Rourkela

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	17.10.2022	11.2	12.5	91	42
2.	18.10.2022	12.1	10.9	90	45
3.	19.10.2022	11.2	12.1	97	41
4.	20.10.2022	11.9	12.0	112	46
5.	21.10.2022	11.2	12.4	107	44
6.	22.10.2022	11.3	12.4	117	48
7.	23.10.2022	11.5	12.5	125	51
8.	24.10.2022	18.1	15.9	169	65
9.	25.10.2022	11.3	12.7	149	54
10.	26.10.2022	10.9	12.1	156	55
11.	27.10.2022	11.5	11.5	151	53
12.	28.10.2022	11.5	12.4	120	54
13.	29.10.2022	11.0	12.2	86	50
14.	30.10.2022	9.8	11.9	98	46
15.	31.10.2022	12.0	12.4	124	48

14.Sambalpur

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	17.10.2022	6.3	23.5	53	22
2.	18.10.2022	6.5	24.5	65	28
3.	19.10.2022	7.5	25.4	74	26
4.	20.10.2022	7.6	25.6	95	32
5.	21.10.2022	7.3	24.3	94	29
6.	22.10.2022	8.2	26.1	134	46
7.	23.10.2022	10.2	28.7	131	44
8.	24.10.2022	18.3	40.6	191	80
9.	25.10.2022	15.1	34.1	149	50
10.	26.10.2022	11.0	30.3	157	62
11.	27.10.2022	10.4	28.7	176	65
12.	28.10.2022	10.5	30.8	178	71
13.	29.10.2022	9.1	28.5	136	48
14.	30.10.2022	9.5	28.7	141	54
15.	31.10.2022	8.6	27.0	128	44

15. Talcher

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	17.10.2022	10.6	28.0	79	35
2.	18.10.2022	10.3	28.0	84	39
3.	19.10.2022	10.0	26.8	86	41
4.	20.10.2022	9.1	27.1	76	34
5.	21.10.2022	9.3	28.4	85	35
6.	22.10.2022	11.0	29.2	102	47
7.	23.10.2022	12.6	30.3	100	53
8.	24.10.2022	17.0	33.6	134	67
9.	25.10.2022	14.1	30.2	127	61
10.	26.10.2022	10.9	29.4	96	48
11.	27.10.2022	11.2	28.7	109	48
12.	28.10.2022	11.6	28.7	106	51
13.	29.10.2022	10.5	29.6	112	58
14.	30.10.2022	11.0	29.8	101	46
15.	31.10.2022	11.4	28.4	104	45

N.B: AAQ Pre and Post Deepawali Monitoring held on dtd-18.10.2022, and 24.10.2022 respectively. Post Deepawali monitoring starts From dtd-25.10.2022 and ends on dtd-31.10.2022.

Heavy metals of PM₁₀& PM_{2.5} filter papers couldn't be analyzed due to problem in ICP- MS. The heavy metals will be analyzed after ICP-MS is ready & the data will be submitted to CPCB.

