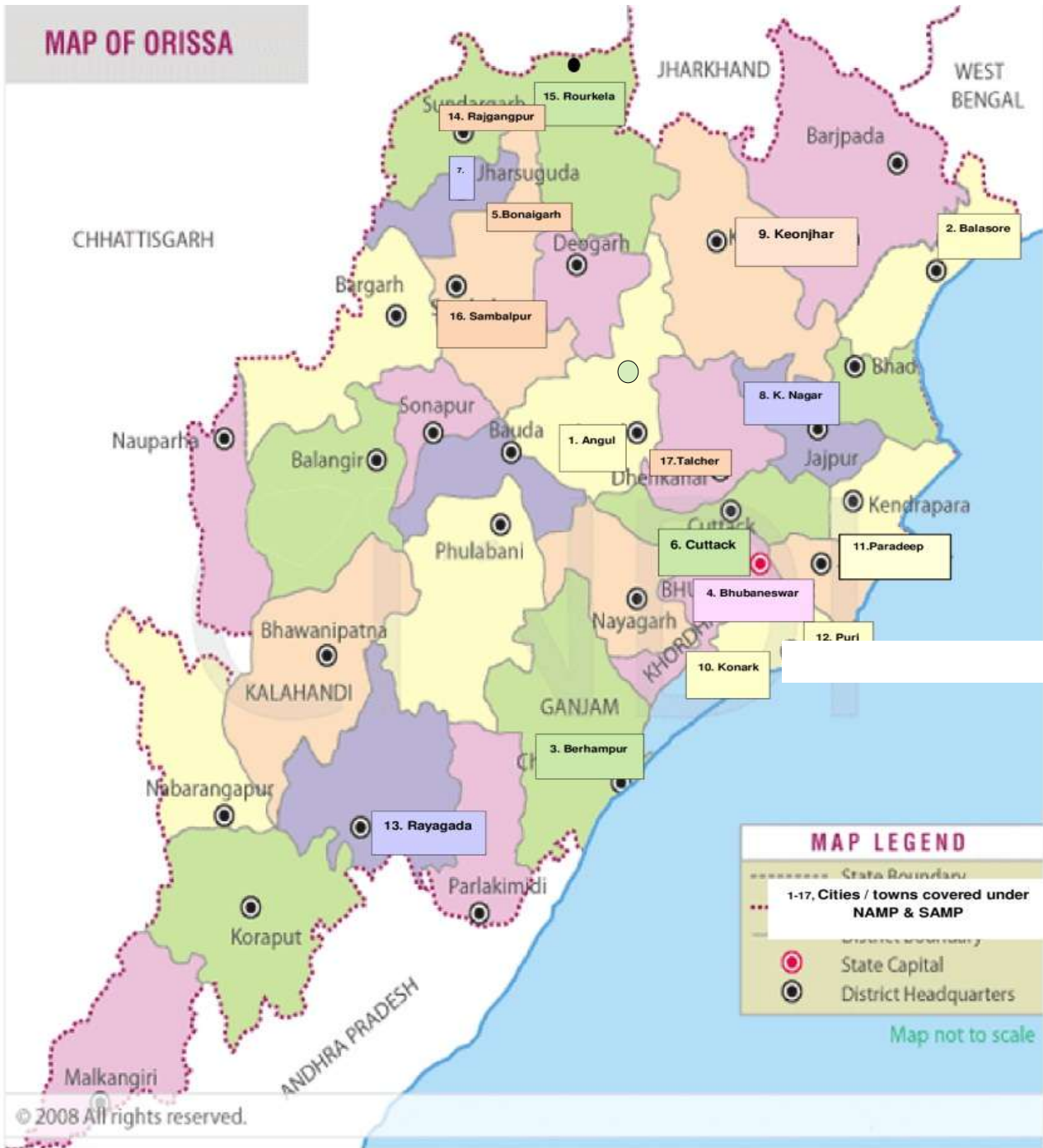


AMBIENT NOISE LEVEL AND AIR QUALITY DURING DEEPAWALI, 2023 OF MAJOR CITIES / TOWNS OF ODISHA



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-DEEPAWALI DAY & DURING DEEPAWALI DAY,2023
OF MAJOR CITIES/TOWNS OF ODISHA**

1. ANGUL

NOISE LEVEL DURING DEEPAWALIFESTIVAL, 2023:

Location : A Amalapada	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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)	D	55
18:00 to 19:00 Hr			44.1	93.2	72.4	65.6	40.6	90.3	68.2	72.7		
19:00 to 20:00 Hr			47.4	86.4	64.2		54.7	99.2	78.4			
20:00 to 21:00 Hr			45.0	90.6	65.4		47.2	87.8	72.8			
21:00 to 22:00 Hr		46.6	84.8	60.3	47.4		93.2	71.6				
22:00 to 23:00 Hr		N	43.3	70.0	65.2	61.6	41.2	92.2	68.2	66.9	N	45
23:00 to 24:00 Hr			42.8	68.1	58.1		32.3	87.7	65.7			

Location : B Bazar Chhak	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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)	D	65
18:00 to 19:00 Hr			52.6	91.6	72.2	68.8	63.2	96.4	75.3	75.6		
19:00 to 20:00 Hr			62.6	82.9	75.1		62.3	102.0	78.2			
20:00 to 21:00 Hr			58.1	83.2	68.4		62.4	99.2	76.3			
21:00 to 22:00 Hr		52.2	86.5	59.6	60.1		96.0	72.7				
22:00 to 23:00 Hr		N	48.2	61.4	54.2	50.3	53.0	93.1	68.1	66.1	N	55
23:00 to 24:00 Hr			48.2	63.2	46.3		53.4	84.5	64.1			

Location : C DHH	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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)	D	50
18:00 to 19:00 Hr			48.4	83.2	64.5	64.8	51.2	84.3	61.7	61.9		
19:00 to 20:00 Hr			50.0	75.4	60.2		46.5	94.7	70.2			
20:00 to 21:00 Hr			51.2	84.5	63.4		48.1	84.6	60.3			
21:00 to 22:00 Hr		54.5	90.3	71.4	45.6		72.5	55.5				
22:00 to 23:00 Hr		N	44.7	84.3	66.2	62.8	40.4	68.6	47.4	44.8	N	40
23:00 to 24:00 Hr			42.1	85.2	59.5		36.1	68.2	42.2			

Location : D I.E., Hakimpada	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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)	D	75
18:00 to 19:00 Hr			49.2	91.1	61.4	60.0	52.3	95.3	68.4	65.7		
19:00 to 20:00 Hr			39.4	83.3	63.2		58.4	97.0	70.2			
20:00 to 21:00 Hr			47.6	72.3	57.1		56.2	93.4	69.9			
21:00 to 22:00 Hr		47.9	75.4	58.4	45.3		91.4	54.2				
22:00 to 23:00 Hr		N	44.2	82.8	62.0	61.7	46.4	92.2	60.3	57.2	N	70
23:00 to 24:00 Hr			46.4	87.7	61.5		42.5	78.0	54.1			

2. BALASORE

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2023:

Location : A Sahadevkhunta	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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)	D	55
18:00 to 19:00 Hr			39.5	73.5	54.8	61.1	52.4	86.3	72.2	75.0		
19:00 to 20:00 Hr			58.0	84.6	68.2		47.6	89.3	71.2			
20:00 to 21:00 Hr			52.0	69.2	57.3		51.6	88.4	72.5			
21:00 to 22:00 Hr		54.9	75.0	64.0	67.6		105.5	84.2				
22:00 to 23:00 Hr		N	43.4	60.6	45.2	45.4	45.8	94.2	75.9	75.0	N	45
23:00 to 24:00 Hr			30.2	55.2	45.7		36.4	87.1	74.2			

Location : B Motiganj	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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)	D	65
18:00 to 19:00 Hr			56.6	80.0	67.0	69.5	59.8	94.9	79.6	80.3		
19:00 to 20:00 Hr			43.4	91.3	68.3		63.7	108.5	88.8			
20:00 to 21:00 Hr			56.5	97.6	74.9		61.8	94.8	75.8			
21:00 to 22:00 Hr		49.6	88.3	68.0	68.6		116.2	76.9				
22:00 to 23:00 Hr		N	36.7	82.6	62.9	61.4	51.9	104.7	87.5	78.2	N	55
23:00 to 24:00 Hr			32.8	64.2	59.9		48.5	86.5	69.0			

Location : C DHH	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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)	D	50
18:00 to 19:00 Hr			50.1	69.7	57.4	57.2	44.4	74.6	62.6	64.4		
19:00 to 20:00 Hr			42.6	65.2	52.9		42.1	81.5	57.0			
20:00 to 21:00 Hr			51.5	76.7	65.1		46.6	78.4	65.5			
21:00 to 22:00 Hr		47.9	62.1	53.4	52.9		84.5	72.8				
22:00 to 23:00 Hr		N	32.3	57.7	46.8	42.9	45.1	86.2	74.1	59.4	N	40
23:00 to 24:00 Hr			30.3	51.2	39.1		39.6	64.8	44.7			

Location : D Balasore I.E.	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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)	D	75
18:00 to 19:00 Hr			52.9	78.4	66.9	54.8	49.4	84.7	66.3	65.7		
19:00 to 20:00 Hr			40.8	63.9	48.8		48.7	78.2	62.7			
20:00 to 21:00 Hr			46.5	61.2	51.7		49.9	82.6	68.9			
21:00 to 22:00 Hr		34.8	60.3	51.7	49.9		84.4	65.1				
22:00 to 23:00 Hr		N	31.0	56.2	41.5	39.0	40.6	86.6	70.2	63.7	N	70
23:00 to 24:00 Hr			28.6	49.9	36.5		44.2	76.2	57.2			

3. BERHAMPUR

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2023:

Location : A Brahmanagar	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			60.2	92.2	66.5	70.5	65.8	92.3	80.2	82.2	D	55
19:00 to 20:00 Hr			52.0	94.7	73.6							
20:00 to 21:00 Hr			55.3	88.2	71.2							
21:00 to 22:00 Hr		54.3	79.2	71.0								
22:00 to 23:00 Hr		N	50.2	84.3	70.2	69.0	51.3	87.3	71.3	70.7	N	45
23:00 to 24:00 Hr			49.8	81.2	67.8		50.6	82.4	70.2			

Location : B Girija Market square	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			74.8	98.4	94.5	84.6	60.2	107.3	86.2	83.7	D	65
19:00 to 20:00 Hr			74.5	100.1	82.5							
20:00 to 21:00 Hr			69.2	94.5	79.5							
21:00 to 22:00 Hr		68.7	102.1	82.1								
22:00 to 23:00 Hr		N	51.2	94.3	80.5	79.7	57.3	98.3	80.2	79.2	N	55
23:00 to 24:00 Hr			55.4	92.5	78.9		56.2	98.0	78.3			

Location : C MKCG MCH	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			57.6	90.2	74.5	70.7	54.3	97.3	79.3	75.2	D	50
19:00 to 20:00 Hr			54.8	87.3	71.2							
20:00 to 21:00 Hr			53.7	82.5	67.6							
21:00 to 22:00 Hr		56.0	88.9	69.5								
22:00 to 23:00 Hr		N	55.7	84.4	64.3	69.4	56.3	94.3	71.2	75.2	N	40
23:00 to 24:00 Hr			57.6	90.2	74.5		54.3	97.3	79.3			

Location : D Ankuli I.E.	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			57.8	90.2	74.5	69.9	58.3	90.2	74.3	74.3	D	75
19:00 to 20:00 Hr			56.3	87.4	71.6							
20:00 to 21:00 Hr			44.6	91.2	67.3							
21:00 to 22:00 Hr		48.0	82.0	66.5								
22:00 to 23:00 Hr		N	46.2	77.4	62.3	60.5	60.2	88.3	80.2	79.4	N	70
23:00 to 24:00 Hr			46.0	70.5	58.7		56.3	80.2	78.6			

4. BHUBANESWAR

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2023:

Location: A Nayapalli	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			49.7	75.5	59.1	57.4	39.7	85.9	63.0	72.4	D	55
19:00 to 20:00 Hr			48.8	63.0	54.5		47.4	75.5	64.0			
20:00 to 21:00 Hr			46.8	66.7	57.8		51.2	100.4	79.1			
21:00 to 22:00 Hr		46.9	69.5	58.4	47.6		105.2	83.5				
22:00 to 23:00 Hr		N	47.1	76.8	52.7	51.2	49.9	94.3	73.9	64.4	N	45
23:00 to 24:00 Hr			39.8	62.7	49.8		47.2	66.2	55.0			

Location: B Sahid Nagar (Market area)	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			60.1	83.6	69.4	66.0	61.5	91.7	64.9	73.9	D	65
19:00 to 20:00 Hr			47.0	84.3	66.3		48.5	81.9	76.8			
20:00 to 21:00 Hr			51.5	81.8	65.5		61.5	94.0	76.5			
21:00 to 22:00 Hr		51.1	81.9	62.8	51.2		97.5	77.6				
22:00 to 23:00 Hr		N	33.6	77.0	55.2	53.2	58.0	91.3	72.2	64.8	N	55
23:00 to 24:00 Hr			32.9	73.2	51.3		47.2	71.5	57.4			

Location: C Capital Hospital	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			46.9	61.0	51.1	51.7	40.1	80.3	50.3	57.5	D	50
19:00 to 20:00 Hr			33.3	69.4	54.1		39.5	64.4	62.3			
20:00 to 21:00 Hr			45.6	63.2	54.8		43.4	75.9	58.1			
21:00 to 22:00 Hr		43.8	58.7	46.7	44.2		75.0	59.3				
22:00 to 23:00 Hr		N	38.3	63.0	45.5	44.9	37.8	77.6	57.4	56.1	N	40
23:00 to 24:00 Hr			24.6	67.4	44.4		42.8	70.0	54.9			

Location: D Mancheswar I.E.	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			54.5	74.4	68.3	66.4	53.7	88.5	68.0	72.4	D	75
19:00 to 20:00 Hr			63.7	85.3	71.3		51.9	89.0	71.3			
20:00 to 21:00 Hr			52.3	71.1	62.9		58.1	92.3	74.8			
21:00 to 22:00 Hr		53.8	71.5	63.0	48.9		94.3	75.4				
22:00 to 23:00 Hr		N	38.9	68.4	56.0	53.5	47.1	92.5	70.3	67.0	N	70
23:00 to 24:00 Hr			38.7	70.3	51.0		43.9	89.4	63.7			

5. CUTTACK

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2023:

Location : A Suryavihar Link Road	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			53.2	76.8	62.6	68.8	50.3	82.5	63.6	70.6	D	55
19:00 to 20:00 Hr			49.0	90.9	73.9							
20:00 to 21:00 Hr			56.8	86.9	71.0							
21:00 to 22:00 Hr		56.7	86.2	67.7								
22:00 to 23:00 Hr		N	40.5	65.6	55.0	60.8	53.0	98.8	75.7	68.4	N	45
23:00 to 24:00 Hr			43.5	84.4	66.5		56.2	80.0	61.1			

Location : B Badambadi Traffic	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			59.3	88.3	73.8	70.6	52.6	94.8	76.7	76.6	D	65
19:00 to 20:00 Hr			47.5	87.4	67.9							
20:00 to 21:00 Hr			56.4	87.9	75.6							
21:00 to 22:00 Hr		56.9	87.9	65.1								
22:00 to 23:00 Hr		N	41.3	72.2	54.2	62.4	51.4	100.2	76.9	74.5	N	55
23:00 to 24:00 Hr			57.0	83.9	70.6		52.1	96.3	72.0			

Location : C SCB MCH	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			50.9	87.0	67.4	64.2	59.3	84.6	70.9	73.2	D	50
19:00 to 20:00 Hr			50.6	85.7	69.0							
20:00 to 21:00 Hr			35.8	70.7	46.7							
21:00 to 22:00 Hr		41.0	92.3	73.5								
22:00 to 23:00 Hr		N	44.1	82.0	58.1	66.1	54.4	100.3	80.4	76.3	N	40
23:00 to 24:00 Hr			62.3	91.7	74.1		52.7	98.7	72.1			

Location : D Khapuria I.E.	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			54.1	88.1	68.2	70.4	57.3	89.7	69.5	72.4	D	75
19:00 to 20:00 Hr			56.1	87.5	72.6							
20:00 to 21:00 Hr			56.7	90.4	69.2							
21:00 to 22:00 Hr		58.4	86.0	71.5								
22:00 to 23:00 Hr		N	42.2	82.0	55.8	65.4	53.1	92.6	73.8	70.8	N	70
23:00 to 24:00 Hr			58.6	91.6	75.0		45.8	96.8	67.8			

6. JHARSUGUDA

NOISE LEVEL DURING DEEPAWALI FESTIVAL, :

Location : A Cox Colony	Zone	Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			36.7	56.3	50.0	47.9	34.6	90.2	69.5	66.9	D	55
19:00 to 20:00 Hr			35.8	52.8	48.0		55.4	81.5	64.5			
20:00 to 21:00 Hr			31.5	54.2	46.2		56.3	82.2	67.6			
21:00 to 22:00 Hr		37.9	52.6	47.5	47.2		107.5	66.3				
22:00 to 23:00 Hr		N	35.6	53.8	43.4	39.5	41.8	91.4	59.2	54.6	N	45
23:00 to 24:00 Hr			31.3	40.5	35.6	46.8	93.1	50.1				

Location :B Near Jhanda Chowk	Zone	Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			50.5	84.0	63.6	56.0	50.5	88.0	70.2	65.8	D	65
19:00 to 20:00 Hr			44.0	91.2	59.4		44.0	82.8	62.3			
20:00 to 21:00 Hr			41.1	100.1	45.8		41.1	80.9	64.8			
21:00 to 22:00 Hr		42.0	94.9	55.1	42.0		103.2	65.9				
22:00 to 23:00 Hr		N	44.4	78.2	52.0	51.3	44.4	119.3	65.2	64.5	N	55
23:00 to 24:00 Hr			40.0	65.6	50.7	40.1	98.2	63.8				

Location : C Urban PHC Mangalbar	Zone	Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			38.9	88.7	50.4	45.5	51.4	81.1	62.3	66.6	D	50
19:00 to 20:00 Hr			33.2	95.0	46.1		44.5	87.4	69.1			
20:00 to 21:00 Hr			35.7	96.5	45.9		55.9	79.9	65.9			
21:00 to 22:00 Hr		31.2	91.8	39.7	53.4		119.9	69.2				
22:00 to 23:00 Hr		N	32.7	73.7	34.6	33.5	51.7	121.8	59.3	63.7	N	40
23:00 to 24:00 Hr			30.3	88.7	32.3	46.2	121.5	68.3				

Location : D I.E., Near Bombay Chowk	Zone	Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			40.0	56.3	53.6	55.1	39.7	88.9	68.2	67.6	D	75
19:00 to 20:00 Hr			45.8	52.8	57.7		57.1	91.2	67.2			
20:00 to 21:00 Hr			44.1	54.2	56.9		50.4	79.2	62.3			
21:00 to 22:00 Hr		38.9	52.6	52.2	54.3		97.7	72.9				
22:00 to 23:00 Hr		N	37.4	53.8	56.3	54.5	50.5	120.4	77.5	74.7	N	70
23:00 to 24:00 Hr			35.9	40.5	52.8	52.0	96.2	72.1				

7. KALINGANAGAR

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2023:

Location : A Sapagadia	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			60.0	91.7	73.7	71.4	52.5	103.3	75.4	77.1	D	55
19:00 to 20:00 Hr			49.0	89.1	67.8		51.5	121.7	94.9			
20:00 to 21:00 Hr			54.7	87.3	70.4		56.2	84.2	70.4			
21:00 to 22:00 Hr		57.6	86.3	73.7	45.9		93.3	67.8				
22:00 to 23:00 Hr		N	50.9	86.6	67.4	67.1	56.9	104.7	77.3	72.0	N	45
23:00 to 24:00 Hr			54.2	76.7	66.9		56.9	81.0	66.7			

Location : B Gopabandhu Chowk	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			62.2	93.9	75.7	71.9	48.7	103.4	80.7	80.4	D	65
19:00 to 20:00 Hr			56.4	89.0	73.2		50.8	121.7	94.2			
20:00 to 21:00 Hr			56.4	89.3	68.4		51.5	104.0	76.6			
21:00 to 22:00 Hr		53.2	92.5	70.3	47.1		92.0	70.3				
22:00 to 23:00 Hr		N	53.2	79.2	64.9	70.9	53.6	99.7	76.2	71.0	N	55
23:00 to 24:00 Hr			51.1	98.7	77.0		52.8	87.5	65.9			

Location : C CHC Jajpur Road	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			46.7	87.5	61.5	58.7	49.6	84.6	66.6	68.2	D	50
19:00 to 20:00 Hr			45.7	89.8	61.8		49.1	88.7	68.2			
20:00 to 21:00 Hr			44.8	75.9	57.9		37.4	97.6	69.7			
21:00 to 22:00 Hr		44.7	72.1	53.8	46.0		91.0	69.0				
22:00 to 23:00 Hr		N	42.4	94.8	67.0	64.5	44.5	85.8	62.6	65.5	N	40
23:00 to 24:00 Hr			42.3	79.3	62.0		44.0	86.8	58.2			

Location : D Kalinganagar Industrial Complex	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			48.0	94.3	76.6	73.9	56.1	92.3	69.7	72.0	D	75
19:00 to 20:00 Hr			57.2	89.7	75.3		55.2	107.8	75.7			
20:00 to 21:00 Hr			59.2	89.5	76.1		53.4	92.4	73.9			
21:00 to 22:00 Hr		47.7	85.2	67.9	51.6		89.1	69.0				
22:00 to 23:00 Hr		N	54.6	87.1	67.1	68.8	45.6	89.3	64.1	65.1	N	70
23:00 to 24:00 Hr			41.7	89.9	70.5		41.4	94.7	66.2			

8. KEONJHAR

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2023:

Location : A Baniapat	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			52.5	90.9	70.2	70.0	59.4	103.4	77.5	81.6	D	55
19:00 to 20:00 Hr			47.9	83.8	68.4							
20:00 to 21:00 Hr			49.7	93.4	70.9							
21:00 to 22:00 Hr		44.4	87.6	70.7								
22:00 to 23:00 Hr		N	44.3	86.5	64.8	54.9	44.2	121.8	90.3	76.1	N	45
23:00 to 24:00 Hr			39.0	67.9	45.1		33.0	88.5	61.9			

49.2

Location :B Punjabi Chowk	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			58.9	91.4	72.5	71.2	57.7	99.6	75.4	78.3	D	65
19:00 to 20:00 Hr			36.2	89.8	70.0							
20:00 to 21:00 Hr			57.2	95.0	75.6							
21:00 to 22:00 Hr		50.8	82.9	66.8								
22:00 to 23:00 Hr		N	51.9	83.4	69.1	61.8	48.5	99.3	75.2	69.1	N	55
23:00 to 24:00 Hr			36.8	78.4	54.6		32.8	88.2	63.0			

Location : C DHH	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			55.1	79.7	55.1	61.3	49.5	84.9	66.0	69.8	D	50
19:00 to 20:00 Hr			54.9	80.8	69.1							
20:00 to 21:00 Hr			52.8	84.0	65.1							
21:00 to 22:00 Hr		39.8	74.5	56.2								
22:00 to 23:00 Hr		N	38.2	79.3	51.2	46.9	41.0	89.0	61.2	56.6	N	40
23:00 to 24:00 Hr			38.3	51.8	42.7		31.3	76.9	52.0			

PTO

9. Konark

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2023:

Location: B NAC Market	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				Standard	
Time duration	Residential		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			43.8	74.2	60.0	56.8	37.1	74.4	55.1	58.0	D	55
19:00 to 20:00 Hr			50.5	82.8	58.7							
20:00 to 21:00 Hr			46.2	65.8	54.4							
21:00 to 22:00 Hr			41.9	61.3	54.3							
22:00 to 23:00 Hr			45.9	65.0	53.2	52.6	30.7	75.4	55.6	54.9	N	45
23:00 to 24:00 Hr			45.0	65.5	52.1		34.8	72.7	54.2			

Location: A Madhipur	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			52.5	84.3	70.0	65.0	43.7	94.9	73.0	71.9	D	65
19:00 to 20:00 Hr			52.8	75.9	64.3							
20:00 to 21:00 Hr			51.6	82.6	63.6							
21:00 to 22:00 Hr			45.1	80.1	62.2							
22:00 to 23:00 Hr			46.9	70.3	56.8	54.7	48.8	79.8	61.8	64.7	N	55
23:00 to 24:00 Hr			45.6	59.4	52.6		44.9	81.7	67.7			

Location: C Public Health Centre	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			41.2	62.7	48.6	46.5	38.4	81.0	58.5	52.4	D	50
19:00 to 20:00 Hr			42.0	59.1	48.0							
20:00 to 21:00 Hr			40.3	57.2	46.0							
21:00 to 22:00 Hr			40.2	53.9	43.7							
22:00 to 23:00 Hr			33.5	52.8	42.4	41.7	36.9	72.1	50.2	49.8	N	40
23:00 to 24:00 Hr			33.8	49.8	41.1		36.6	72.8	49.5			

10. PARADEEP

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2023:

Location : A Madhuban	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			48.7	85.2	62.9	61.9	55.5	73.6	67.4	78.0	D	55
19:00 to 20:00 Hr			47.1	77.1	57.5		49.9	99.6	72.5			
20:00 to 21:00 Hr			44.4	83.5	67.1		50.5	108.3	86.5			
21:00 to 22:00 Hr		39.2	85.6	60.1	56.4		107.5	85.8				
22:00 to 23:00 Hr		N	42.0	74.0	53.4	42.6	76.6	56.4	54.6	N	45	
23:00 to 24:00 Hr		34.6	58.5	49.6	51.5	38.4	68.2	52.9				

Location :B Badapadia Market	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			54.8	86.5	66.5	64.9	57.6	99.2	76.9	78.9	D	65
19:00 to 20:00 Hr			53.7	83.3	67.3		47.2	97.1	73.2			
20:00 to 21:00 Hr			52.4	86.4	64.8		61.4	113.8	84.9			
21:00 to 22:00 Hr		44.8	78.5	61.0	59.9		112.9	80.8				
22:00 to 23:00 Hr		N	39.4	77.8	58.7	46.2	78.5	65.4	62.3	N	55	
23:00 to 24:00 Hr		38.2	64.4	53.4	56.0	38.6	71.4	59.2				

Location : C CHC, Atharabanki	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			48.2	71.6	56.7	55.1	61.3	91.8	65.7	67.0	D	50
19:00 to 20:00 Hr			49.0	68.8	52.3		59.4	82.2	64.7			
20:00 to 21:00 Hr			48.4	71.6	56.6		52.0	92.2	69.2			
21:00 to 22:00 Hr		46.7	72.0	55.0	49.2		86.7	68.5				
22:00 to 23:00 Hr		N	38.3	73.0	51.8	50.9	45.6	79.5	65.4	63.8	N	40
23:00 to 24:00 Hr		40	72.0	50.0	42.5	76.2	62.2					

Location : D IFFCO Premises	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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	80.2	72.1	68.8	50.9	86.5	65.3	69.7	D	50
19:00 to 20:00 Hr			53.6	91.8	73.3		56.7	94.1	71.6			
20:00 to 21:00 Hr			43.6	86.3	63.1		51.2	93.7	72.3			
21:00 to 22:00 Hr		46.4	96.3	66.9	50.6		80.5	69.8				
22:00 to 23:00 Hr		N	40.5	75.5	57.8	55.3	48.5	76.2	62.5	59.4	N	40
23:00 to 24:00 Hr		36.9	67.0	52.8	39.2	72.5	56.4					

11. PURI

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2023:

Location: A Kumutisahi, Old Sadarlane	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			50.5	77.6	63.7	66.8	67.7	90.7	76.8	76.3	D	55
19:00 to 20:00 Hr			62.0	89.4	72.3		59.4	102.1	74.6			
20:00 to 21:00 Hr			41.5	46.6	65.4		52.3	107.5	79.7			
21:00 to 22:00 Hr		63.4	73.6	65.8	56.1		99.3	74.2				
22:00 to 23:00 Hr		N	40.5	82.5	63.2	59.4	66.0	111.0	77.2	72.6	N	45
23:00 to 24:00 Hr			46.4	69.9	55.6		64.0	88.5	68.1			

Location: B Gundicha Bus Stand	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			67.0	89.1	78.3	74.3	52.3	107.3	72.4	77.3	D	65
19:00 to 20:00 Hr			65.9	91.0	75.7		65.3	108.0	78.6			
20:00 to 21:00 Hr			63.6	81.8	72.2		52.7	120.5	84.0			
21:00 to 22:00 Hr		61.8	88.7	71.0	52.9		106.6	74.3				
22:00 to 23:00 Hr		N	40.2	82.7	65.2	65.0	50.5	113.6	72.3	71.4	N	55
23:00 to 24:00 Hr			48.0	86.4	64.8		50.7	116.6	70.6			

Location: C DHH	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			49.0	77.8	60.6	60.3	58.9	79.0	67.1	73.3	D	50
19:00 to 20:00 Hr			53.8	73.2	63.2		55.5	97.2	74.8			
20:00 to 21:00 Hr			48.7	73.1	58.9		58.9	79.0	74.6			
21:00 to 22:00 Hr		41.9	80.6	58.6	66.3		91.4	76.7				
22:00 to 23:00 Hr		N	47.9	68.2	57.9	56.6	46.2	99.5	71.0	67.8	N	40
23:00 to 24:00 Hr			44.6	75.2	55.4		49.9	98.2	64.7			

12.RAYAGADA

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2023:

Location :A Indira Nagar	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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)	D	55
18:00 to 19:00 Hr			45.7	89.1	68.9	68.6	46.9	90.9	68.3	69.9		
19:00 to 20:00 Hr			47.1	92.2	71.4		34.6	97.5	70.1			
20:00 to 21:00 Hr			46.6	85.6	69.8		52.7	86.5	67.6			
21:00 to 22:00 Hr		43.5	87.8	64.6	43.2		93.8	73.7				
22:00 to 23:00 Hr		N	40.1	74.5	58.2	54.6	37.3	86.8	66.7	56.9	N	45
23:00 to 24:00 Hr			38.2	71.6	51.1		23.0	72.9	47.1			

Location : B Main Market	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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)	D	65
18:00 to 19:00 Hr			59.4	98.3	79.8	74.5	55.9	93.5	70.3	74.9		
19:00 to 20:00 Hr			57.5	95.8	76.1		54.7	108.0	85.7			
20:00 to 21:00 Hr			52.8	89.4	75.6		51.3	95.6	68.9			
21:00 to 22:00 Hr		47.8	79.8	66.7	44.2		100.2	75.0				
22:00 to 23:00 Hr		N	46.1	78.2	65.2	62.6	40.1	88.6	68.3	58.8	N	55
23:00 to 24:00 Hr			40.7	72.7	60.1		22.7	81.3	49.4			

Location : C DHH	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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)	D	50
18:00 to 19:00 Hr			47.5	81.3	66.9	64.4	49.3	93.8	67.5	68.8		
19:00 to 20:00 Hr			45.3	82.4	67.2		49.5	87.1	63.7			
20:00 to 21:00 Hr			41.9	79.1	63.5		54.1	94.5	72.4			
21:00 to 22:00 Hr		40.2	75.7	60.1	56.0		89.9	71.6				
22:00 to 23:00 Hr		N	31.2	69.4	59.8	56.2	35.0	82.9	64.3	52.2	N	40
23:00 to 24:00 Hr			30.1	65.8	52.6		23.6	63.3	40.2			

Location : D I.E., Near JESCO	Zone		Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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)	D	75
18:00 to 19:00 Hr			46.6	97.8	72.3	70.4	55.4	103.1	74.8	72.4		
19:00 to 20:00 Hr			37.9	89.7	63.7		44.9	85.6	64.0			
20:00 to 21:00 Hr			53.5	95.4	74.3		48.8	90.7	68.9			
21:00 to 22:00 Hr		47.9	88.3	71.6	48.1		112.5	82.0				
22:00 to 23:00 Hr		N	35.7	75.2	57.9	56.5	32.7	78.6	53.5	58.1	N	70
23:00 to 24:00 Hr			26.7	70.7	55.2		22.8	83.5	62.8			

13.ROURKELA

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2023:

Location :A Township Sector-06	Zone	Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			41.8	78.6	52.3	52.3	51.6	87.2	66.3	65.5	D	55
19:00 to 20:00 Hr			41.7	78.1	53.1		51.7	86.9	65.1			
20:00 to 21:00 Hr			42.4	67.5	48.8		48.8	79.3	65.4			
21:00 to 22:00 Hr		42.8	73.6	55.3	45.8		87.5	65.2				
22:00 to 23:00 Hr		N	36.6	75.9	54.5	52.4	39.4	64.1	47.2	47.9	N	45
23:00 to 24:00 Hr			35.8	74.6	50.3		38.1	69.1	48.7			

Location : B Amabagan Market	Zone	Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			54.1	98.2	72.4	69.5	52.6	96.3	70.6	73.3	D	65
19:00 to 20:00 Hr			50.4	89.8	69.5		53.6	88.6	69.5			
20:00 to 21:00 Hr			54.0	89.3	69.4		53.4	100.4	73.6			
21:00 to 22:00 Hr		55.0	82.0	66.8	42.0		86.2	79.5				
22:00 to 23:00 Hr		N	45.0	79.5	61.2	65.9	47.4	84.9	69.8	66.4	N	55
23:00 to 24:00 Hr			44.3	89.5	70.6		47.5	83.9	63.0			

Location : C IGH, Steel Township	Zone	Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			46.1	64.9	48.8	52.6	48.8	79.3	65.4	61.3	D	50
19:00 to 20:00 Hr			47.1	62.8	55.4		48.4	89.1	66.3			
20:00 to 21:00 Hr			45.7	79.7	53.3		46.0	80.8	64.0			
21:00 to 22:00 Hr		45.8	71.8	52.8	42.4		60.1	49.7				
22:00 to 23:00 Hr		N	39.8	59.2	43.7	43.2	42.0	68.3	51.8	50.3	N	40
23:00 to 24:00 Hr			40.1	63.0	42.7		38.7	60.1	48.8			

Location : D Rourkela Steel Plant premises	Zone	Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			68.8	85.9	72.2	72.1	52.7	90.3	68.5	67.8	D	75
19:00 to 20:00 Hr			69.0	85.9	71.2		51.9	88.0	68.3			
20:00 to 21:00 Hr			65.3	82.8	71.4		52.3	90.7	68.2			
21:00 to 22:00 Hr		60.3	93.2	73.5	51.6		87.2	66.3				
22:00 to 23:00 Hr		N	70.5	79.8	73.0	72.7	46.0	86.9	65.1	68.2	N	70
23:00 to 24:00 Hr			70.1	83.5	72.5		46.4	86.5	71.4			

14. SAMBALPUR

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2023:

Location : A Ainthapalli	Zone	Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			47.4	73.0	54.4	53.8	50.4	89.4	66.7	69.7	D	55
19:00 to 20:00 Hr			45.7	66.0	50.3		50.5	90.8	66.4			
20:00 to 21:00 Hr			44.8	67.4	50.9		51.7	104.0	74.3			
21:00 to 22:00 Hr		46.5	85.4	59.7	51.1		93.0	71.5				
22:00 to 23:00 Hr		N	43.7	68.6	48.0	49.0	49.2	94.2	66.6	64.4	N	45
23:00 to 24:00 Hr			42.9	75.0	50.0	35.1	85.5	62.3				

Location : B Goal Bazar Chowk	Zone	Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			56.6	99.6	73.6	70.7	51.7	97.8	71.4	78.9	D	65
19:00 to 20:00 Hr			53.4	95.9	73.0		54.1	106.4	75.8			
20:00 to 21:00 Hr			55.3	93.1	68.4		53.4	109.6	85.9			
21:00 to 22:00 Hr		51.5	89.6	68.0	51.3		108.7	82.4				
22:00 to 23:00 Hr		N	49.3	94.3	96.3	78.2	49.3	114.6	86.5	77.8	N	55
23:00 to 24:00 Hr			35.0	80.0	60.2	42.2	97.2	69.1				

Location : C DHH, Modipara	Zone	Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				Standard		
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Leq dB(A)		
18:00 to 19:00 Hr			37.6	59.1	43.4	50.9	37.5	92.7	62.9	70.9	D	50
19:00 to 20:00 Hr			39.5	67.1	49.8		44.0	102.6	73.1			
20:00 to 21:00 Hr			39.5	70.8	50.4		45.4	103.6	74.1			
21:00 to 22:00 Hr		37.6	68.5	59.9	43.7		99.9	73.8				
22:00 to 23:00 Hr		N	37.7	79.7	51.5	46.0	41.1	84.5	63.7	62.2	N	40
23:00 to 24:00 Hr			21.1	63.5	40.5		36.4	89.1	60.7			

Location : D I.E., Bareipali	Zone	Pre-Deepawali Day (06.11.2023)				Deepawali day (12.11.2023)				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			42.8	81.6	55.8	58.8	41.2	97.0	73.4	65.3	D	75
19:00 to 20:00 Hr			43.5	79.1	57.1		40.5	83.5	59.9			
20:00 to 21:00 Hr			41.3	99.0	66.8		45.8	92.7	64.9			
21:00 to 22:00 Hr		42.5	75.3	55.4	44.7		86.8	63.2				
22:00 to 23:00 Hr		N	38.3	76.0	49.7	50.3	45.9	81.7	61.7	60.1	N	70
23:00 to 24:00 Hr			37.3	72.3	50.9		46.3	74.7	58.4			

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 2023

Sl.No	Towns/Cities	Monitoring Locations	Pre-Deepawali Day (06.11.2023)		On the day of Deepawali (12.11.2023)	
			D	N	D	N
1	Angul	1.Amalapada(R)	65.6	61.6	72.7	66.9
		2.Bazar chhak(C)	68.8	50.3	75.6	66.1
		3.District Head Quarter Hospital(S)	64.8	62.8	61.9	44.8
		4.I.E., Hakimpada (I)	60.0	61.7	65.7	57.2
2	Balasore	5.Sahadevkhunta(R)	61.1	45.4	75.0	75.0
		6.Motiganj Bazar(C)	69.5	61.4	80.3	78.2
		7.District Head Quarter Hospital(S)	57.2	42.9	64.4	59.4
		8.Balasore I.E. (I)	54.8	39.0	65.7	63.7
3	Berhampur	9.Brahmanagar(R)	70.5	69.0	82.2	70.7
		10.Girija market square(C)	84.6	79.7	83.7	79.2
		11.MKCG MCH (S)	70.7	69.4	75.2	75.2
		12.Ankuli(I)	69.9	60.5	74.3	79.4
4	Bhubaneswar	13.Nayapalli(R)	57.4	51.2	72.4	64.4
		14.Sahidnagar Market area(C)	66.0	53.2	73.9	64.8
		15.Capital Hospital(S)	51.7	44.9	57.5	56.1
		16.Mancheswar,I.E(I)	66.4	53.5	72.4	67.0
5	Cuttack	17.Suryavihar(R)	68.8	60.8	70.6	68.4
		18.Badambadi(C)	70.6	62.4	76.6	74.5
		19.SCB MCH (S)	64.2	66.1	73.2	76.3
		20.I.E., Khapuria(I)	70.4	65.4	72.4	70.8
6	Jharsuguda	21.Cox colony(R)	47.9	39.5	66.9	54.6
		22.Jhanda Chowk(C)	56.0	51.3	65.8	64.5
		23.Urban PHC ,Mangalbazar(S)	45.5	33.5	66.6	63.7
		24.I.E., Bombay Chowk (I)	55.1	54.5	67.6	74.7
7	Kalinganagar	25.Sapagadia(R)	71.4	67.1	77.1	72.0
		26.Gopabandhu Chowk(C)	71.9	70.9	80.4	71.0
		27.CHC Hospital(S)	58.7	64.5	68.2	65.5
		28.Kalinga nagar industrial complex (I)	73.9	68.8	72.0	65.1
8	Keonjhar	29.Baniapat (R)	70.0	54.9	81.6	76.1
		30.Punjabi Chowk(C)	71.2	61.8	78.3	69.1
		31.DHH Hospital(S)	61.3	46.9	69.8	56.6
9	Konark	32.Madhipur(R)	56.8	52.6	58.0	54.9
		33.NAC Market(C)	65.0	54.7	71.9	64.7
		34.Public Health Centre(S)	46.5	41.7	52.4	49.8
10	Paradeep	35.Madhuban(R)	61.9	51.5	78.0	54.6
		36.Badapadia Market(C)	64.9	56.0	78.9	62.3
		37.Atharabanki Medical(S)	55.1	50.9	67.0	63.8
		38.Premises of IFFCO Ltd(I)	68.8	55.3	69.7	59.4
11	Puri	39.Kumutisahi, Old Sadar lane(R)	66.8	59.4	76.3	72.6
		40.Near Gundicha Mandir(Bus stand) (C)	74.3	65.0	77.3	71.4
		41.DHH(S)	60.3	56.6	73.3	67.8
12	Rayagada	42.Indiranagar(R)	68.6	54.6	69.9	56.9
		43.Main market(C)	74.5	62.6	74.9	58.8
		44.District Headquarter Hospital(S)	64.4	56.2	68.8	52.2
		45.I.E, Jesco(I)	70.4	56.5	72.4	58.1
13	Rourkela	46.Sector-6(R)	52.3	52.4	65.5	47.9
		47.Ambagaan(C)	69.5	65.9	73.3	66.4
		48.IGH steel Township(S)	52.6	43.2	61.3	50.3
		49.RSPL Premises(I)	72.1	72.7	67.8	68.2
14	Sambalpur	50.Ainthapali(R)	53.8	49.0	69.7	64.4
		51.Golebazar(C)	70.7	78.2	78.9	77.8
		52.DHH(S)	50.9	46.0	70.9	62.2
		53.I.E., Bareipali(I)	58.8	50.3	65.3	60.1

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
Sience 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, 2023

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	10.4	22.3	22.3	33.5	96	243	45	133
		2. Nalco Township	10.6	18.1	27.7	32.2	103	177	46	83
		3.Sikhyakapada	15.3	19.8	19.2	26.7	83	253	43	115
2	Balasore	4.Ganeswarpur	BDL	9.4	11.2	14.1	110	290	61	120
		5.Oriplast, OT Road	BDL	8.4	11.0	13.8	90	220	42	116
		6.Rasalpur Industrial Estate	8.6	10.6	12.0	17.5	115	256	65	132
3	Berhampur	7.Brahmanagar	5.1	26.7	15.5	37.3	68	410	38	223
4	Bhubaneswar	8.Office Building	BDL	13.6	18.3	40.7	151	428	68	232
		9.IRC Nayapalli	BDL	17.8	13.9	45.3	101	192	43	79
		10.Capital Police Station	BDL	18.1	18.7	45.0	123	424	64	232
		11.Khandagiri Police Station	BDL	18.4	22.3	44.1	149	405	72	183
		12.Chandrasekharpur (Central laboratory)	BDL	20.5	15.9	29.1	168	357	73	201
		13.Palasuni water works	BDL	14.3	15.3	35.9	145	368	53	219
5	Bonaigarh	14.Govt. Hospital Bonai	10.9	17.1	13.1	20.0	120	138	40	55
6	Cuttack	15. RO, SPCB Office Building Suryavihar	5.3	7.6	23.0	32.3	129	360	52	147
		16.PHD office, Barabati	4.6	7.5	19.6	30.0	116	230	46	133
		17.Hotel Bishal-inn, Badambadi	5.7	10.2	17.2	31.5	114	260	47	169
7	Jharsuguda	18. RO, SPCB Office Building, Cox Colony, Babubagicha	8.1	31.8	12.9	25.4	102	185	60	89
		19. TRL colony	8.9	30.7	14.3	23.0	111	180	57	82
		20.Maa Smaleswari Nagar	7.4	28.2	14.3	23.2	109	172	55	89
8	Kalinganagar	21.RO, Kalinganagar	9.2	11.8	13.7	17.5	105	163	54	70
		22. DET Hostel	7.4	9.0	13.8	13.0	116	187	64	74
9	Keonjhar	23. RO, SPCB Office Building	BDL	5.8	11.4	21.8	110	265	55	191
10	Konark	24.Police Station, Konark	BDL	8.3	12.0	28.7	67	286	37	112
11	Paradeep	25. STP Building, IFFCO,	11.4	26.0	14.2	17.3	115	157	47	42
		26. PPL Guest House,	18.2	23.8	20.0	10.5	119	229	45	92
		27. PPT Staff Quarters,	14.9	29.4	12.7	21.7	111	276	42	118
12	Puri	28.Town Police Station	BDL	8.3	11.5	26.8	92	329	23	135
		29.Sadar Police Station	BDL	8.7	11.7	27.1	95	346	25	151
13	Rayagada	30. RO, SPCB Office Building	4.9	17.7	17.3	27.9	52	187	27	81
		31.LPS High School	19.1	28.0	23.1	32.3	68	164	32	77
14	Rajgangpur	32.DISIR Rajgangpur	12.2	29.1	18.2	32.2	124	167	37	80
15	Rourkela	33. RO, SPCB Office Building	10.4	17.5	12.4	21.5	93	191	38	178
		34.IDL Police Outpost	12.3	18.1	14.2	21.6	124	195	44	68
		35.IDC Kalunga	10.4	10.8	12.4	12.4	136	168	43	57
		36.Kuanarmunda	9.4	12.6	12.2	14.0	133	245	61	147
16	Sambalpur	37.Modipara	7.5	28.4	28.0	43.9	108	344	41	114
17	Talcher	38.Talcher Thermal	10.5	21.2	27.2	35.0	109	170	48	93
		39. MCL area, Talcher	10.8	26.7	30.2	35.4	116	257	42	148
		40.Champapasi	17.1	23.3	21.3	32.0	102	234	53	129
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

Ambient Air Quality Monitoring Data during Deepawali Festival from (05.11.2023 to 19.11.2023) of different towns/ cities of Odisha(Pre- Deepawali on dtd-06.11.2023 & Deepawali on dtd-12.11.2023)

Data/Observation

1. Angul

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	05.11.2023	9.7	24.7	90	41
2.	06.11.2023	10.4	22.3	96	45
3.	07.11.2023	11.4	20.8	100	48
4.	08.11.2023	12.5	28.1	103	45
5.	09.11.2023	13.1	27.2	99	50
6.	10.11.2023	14.4	23.2	105	49
7.	11.11.2023	14.4	31.4	164	72
8.	12.11.2023	22.3	33.5	243	133
9.	13.11.2023	17.6	27.5	171	85
10.	14.11.2023	10.9	28.7	155	72
11.	15.11.2023	14.7	25.0	138	79
12.	16.11.2023	13.0	21.9	131	63
13.	17.11.2023	10.1	26.9	117	52
14.	18.11.2023	12.6	23.8	122	65
15.	19.11.2023	14.2	22.4	119	55

2. Berhampur

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	05.11.2023	4.6	14.3	73	23
2.	06.11.2023	5.1	15.5	68	38
3.	07.11.2023	4.9	15.4	176	72
4.	08.11.2023	5.1	14.2	62	51
5.	09.11.2023	5.4	16.2	181	71
6.	10.11.2023	6.0	15.3	117	95
7.	11.11.2023	7.7	18.4	119	75
8.	12.11.2023	26.7	37.3	410	223
9.	13.11.2023	11.6	19.0	183	125
10.	14.11.2023	8.3	16.7	133	62
11.	15.11.2023	6.3	15.3	113	65
12.	16.11.2023	5.1	14.5	97	53
13.	17.11.2023	4.5	15.7	61	39
14.	18.11.2023	5.3	14.6	70	41
15.	19.11.2023	4.6	15.2	81	56

3. Balasore

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	05.11.2023	BDL	11.1	96	46
2.	06.11.2023	BDL	11.2	110	61
3.	07.11.2023	BDL	11.6	101	48
4.	08.11.2023	BDL	11.9	146	64
5.	09.11.2023	BDL	11.1	98	56
6.	10.11.2023	4.9	11.8	160	82
7.	11.11.2023	5.0	12.0	170	86
8.	12.11.2023	9.4	14.1	290	120
9.	13.11.2023	7.9	13.6	233	106
10.	14.11.2023	6.6	12.3	147	82
11.	15.11.2023	5.7	11.6	103	60
12.	16.11.2023	5.9	11.4	104	56
13.	17.11.2023	5.2	11.6	91	48
14.	18.11.2023	6.2	12.6	113	69
15.	19.11.2023	6.8	12.6	133	67

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.	05.11.2023	BDL	15.6	71	35
2.	06.11.2023	BDL	18.3	151	68
3.	07.11.2023	BDL	16.7	161	70
4.	08.11.2023	BDL	16.6	251	82
5.	09.11.2023	BDL	18.6	252	78
6.	10.11.2023	BDL	19.4	219	73
7.	11.11.2023	BDL	22.5	212	77
8.	12.11.2023	13.6	40.7	428	232
9.	13.11.2023	11.0	22.0	214	84
10.	14.11.2023	9.3	21.5	192	79
11.	15.11.2023	7.1	19.2	165	75
12.	16.11.2023	6.2	17.7	157	65
13.	17.11.2023	BDL	18.4	136	45
14.	18.11.2023	BDL	20.2	120	51
15.	19.11.2023	BDL	19.0	131	58

(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.	05.11.2023	BDL	14.0	80	41
2.	06.11.2023	BDL	15.9	168	73
3.	07.11.2023	BDL	14.5	166	65
4.	08.11.2023	BDL	15.7	178	78
5.	09.11.2023	BDL	16.5	156	69
6.	10.11.2023	BDL	16.6	190	76
7.	11.11.2023	BDL	15.3	217	81
8.	12.11.2023	20.5	29.1	357	201
9.	13.11.2023	7.1	18.5	199	70
10.	14.11.2023	BDL	13.8	145	69
11.	15.11.2023	BDL	16.8	115	61
12.	16.11.2023	BDL	14.8	112	32
13.	17.11.2023	BDL	14.8	115	59
14.	18.11.2023	BDL	14.1	86	46
15.	19.11.2023	BDL	14.1	110	61

5.Cuttack

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	05.11.2023	4.9	21.6	131	48
2.	06.11.2023	5.3	23	129	52
3.	07.11.2023	5.7	20.9	130	51
4.	08.11.2023	5.3	22.3	132	47
5.	09.11.2023	5.0	23.7	142	80
6.	10.11.2023	5.8	23.9	146	84
7.	11.11.2023	4.9	25.7	164	92
8.	12.11.2023	7.6	32.3	360	147
9.	13.11.2023	6.3	24.2	195	96
10.	14.11.2023	6.9	24.2	154	67
11.	15.11.2023	5.0	21.5	157	63
12.	16.11.2023	5.3	23.3	139	59
13.	17.11.2023	5.0	22.6	132	56
14.	18.11.2023	4.5	21.3	116	54
15.	19.11.2023	4.9	20.9	122	46

6. Jharsuguda

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	05.11.2023	8.6	12.9	93	55
2.	06.11.2023	8.9	14.0	104	59
3.	07.11.2023	9.0	12.7	112	60
4.	08.11.2023	9.2	12.7	113	63
5.	09.11.2023	9.0	13.5	118	68
6.	10.11.2023	11.0	14.5	135	76
7.	11.11.2023	13.6	15.1	146	72
8.	12.11.2023	33.1	26.2	188	93
9.	13.11.2023	22.7	17.9	175	76
10.	14.11.2023	11.5	14.1	168	72
11.	15.11.2023	10.3	14.4	156	68
12.	16.11.2023	9.4	14.0	162	64
13.	17.11.2023	9.5	13.4	145	55
14.	18.11.2023	9.0	13.3	137	51
15.	19.11.2023	9.2	13.8	139	47

7.Kalinganagar

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	05.11.2023	5.9	13.2	92	56
2.	06.11.2023	9.2	13.7	105	54
3.	07.11.2023	5.7	11.4	100	58
4.	08.11.2023	6.4	13.2	109	65
5.	09.11.2023	6.6	13.8	125	66
6.	10.11.2023	6.3	12.6	105	58
7.	11.11.2023	13.4	17.5	236	96
8.	12.11.2023	11.8	17.5	163	70
9.	13.11.2023	7.0	13.2	121	63
10.	14.11.2023	6.3	10.8	93	59
11.	15.11.2023	6.5	13.1	98	55
12.	16.11.2023	8.1	13.2	72	39
13.	17.11.2023	8.7	14.4	75	41
14.	18.11.2023	8.8	13.9	85	36
15.	19.11.2023	5.9	13.2	92	56

8.Keonjhar

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	05.11.2023	BDL	10.5	100	53
2.	06.11.2023	BDL	11.4	110	55
3.	07.11.2023	BDL	11.3	107	71
4.	08.11.2023	BDL	11.8	126	60
5.	09.11.2023	BDL	12.6	114	63
6.	10.11.2023	BDL	13.9	118	80
7.	11.11.2023	BDL	14.2	125	78
8.	12.11.2023	5.8	21.8	265	191
9.	13.11.2023	4.2	18.5	160	106
10.	14.11.2023	BDL	16.9	137	74
11.	15.11.2023	BDL	12.4	116	55
12.	16.11.2023	BDL	12.6	109	51
13.	17.11.2023	BDL	12.4	106	49
14.	18.11.2023	BDL	13.3	95	50
15.	19.11.2023	BDL	11.3	97	46

9.Konark

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	05.11.2023	BDL	11.4	69	30
2.	06.11.2023	BDL	12.0	67	37
3.	07.11.2023	BDL	11.7	103	49
4.	08.11.2023	BDL	11.7	80	36
5.	09.11.2023	BDL	11.0	45	20
6.	10.11.2023	BDL	11.1	65	25
7.	11.11.2023	BDL	11.3	101	48
8.	12.11.2023	8.3	28.7	286	112
9.	13.11.2023	BDL	12.0	118	48
10.	14.11.2023	BDL	10.5	71	31
11.	15.11.2023	BDL	9.6	80	36
12.	16.11.2023	BDL	10.7	87	43
13.	17.11.2023	BDL	12.0	48	22
14.	18.11.2023	BDL	11.8	51	38
15.	19.11.2023	BDL	10.0	49	25

10.Puri

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	05.11.2023	BDL	12.0	95	26
2.	06.11.2023	BDL	11.7	95	25
3.	07.11.2023	BDL	11.7	93	24
4.	08.11.2023	BDL	12.1	94	24
5.	09.11.2023	BDL	12.0	97	26
6.	10.11.2023	BDL	11.6	95	24
7.	11.11.2023	BDL	11.7	99	26
8.	12.11.2023	8.7	27.1	346	151
9.	13.11.2023	8.4	25.5	207	124
10.	14.11.2023	BDL	15.7	133	56
11.	15.11.2023	BDL	12.4	117	33
12.	16.11.2023	BDL	12.3	105	29
13.	17.11.2023	BDL	12.3	96	27
14.	18.11.2023	BDL	12.4	99	24
15.	19.11.2023	BDL	12.7	95	23

11.Paradeep

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	05.11.2023	9.9	11.3	103	38
2.	06.11.2023	14.9	12.7	111	42
3.	07.11.2023	12.3	11.9	97	39
4.	08.11.2023	14.0	10.1	118	46
5.	09.11.2023	15.9	10.5	134	47
6.	10.11.2023	8.6	12.1	189	54
7.	11.11.2023	10.9	11.9	194	84
8.	12.11.2023	29.4	21.7	276	118
9.	13.11.2023	28.3	20.7	198	96
10.	14.11.2023	17.8	13.8	129	85
11.	15.11.2023	16.2	12.4	93	46
12.	16.11.2023	Could not Monitored due to heavy rain			
13.	17.11.2023	12.3	13.7	67	33
14.	18.11.2023	12.0	10.6	71	36
15.	19.11.2023	9.2	10.5	76	40

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.	05.11.2023	6.8	18.9	74	34
2.	06.11.2023	4.9	17.3	52	27
3.	07.11.2023	6.4	19.6	67	31
4.	08.11.2023	6.6	20.4	69	35
5.	09.11.2023	8.0	22.6	78	38
6.	10.11.2023	8.1	22.5	83	40
7.	11.11.2023	9.5	24.1	94	46
8.	12.11.2023	17.7	27.9	187	81
9.	13.11.2023	11.6	24.8	95	53
10.	14.11.2023	9.9	24.5	87	45
11.	15.11.2023	9.0	23.9	84	41
12.	16.11.2023	8.7	22.3	76	35
13.	17.11.2023	7.4	22.4	73	38
14.	18.11.2023	6.8	20.4	79	43
15.	19.11.2023	6.8	22.7	75	36

13. Rourkela

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	05.11.2023	10.2	11.3	84	31
2.	06.11.2023	10.4	12.4	93	38
3.	07.11.2023	11.6	12.2	128	43
4.	08.11.2023	10.7	12.5	135	48
5.	09.11.2023	11.4	12.3	157	48
6.	10.11.2023	11.9	12.0	157	56
7.	11.11.2023	11.0	12.6	158	66
8.	12.11.2023	17.5	21.5	191	178
9.	13.11.2023	12.2	13.6	175	143
10.	14.11.2023	11.5	12.4	110	82
11.	15.11.2023	11.3	11.6	72	61
12.	16.11.2023	11.2	13.7	76	39
13.	17.11.2023	11.5	12.3	81	43
14.	18.11.2023	10.6	11.5	102	47
15.	19.11.2023	10.2	11.7	82	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.	05.11.2023	7.4	27.2	105	39
2.	06.11.2023	7.5	28.0	108	41
3.	07.11.2023	7.3	27.5	116	48
4.	08.11.2023	8.1	27.8	127	54
5.	09.11.2023	8.8	28.5	172	65
6.	10.11.2023	8.5	28.1	176	71
7.	11.11.2023	11.8	31.6	220	83
8.	12.11.2023	28.4	43.9	344	114
9.	13.11.2023	21.7	38.6	229	87
10.	14.11.2023	19.5	36.1	186	79
11.	15.11.2023	18.4	34.6	182	74
12.	16.11.2023	17.6	33.4	171	72
13.	17.11.2023	15.2	31.8	148	61
14.	18.11.2023	13.8	31.5	141	64
15.	19.11.2023	13.6	30.5	123	60

15.Talcher

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}
		(values expressed in Microgram per cubic meter)			
1.	05.11.2023	9.1	27.2	88	39
2.	06.11.2023	8.9	25.8	94	44
3.	07.11.2023	10.5	27.2	109	48
4.	08.11.2023	8.4	26.3	109	46
5.	09.11.2023	10.3	30.0	108	52
6.	10.11.2023	10.9	27.7	103	43
7.	11.11.2023	13.3	30.4	146	65
8.	12.11.2023	21.2	35.0	170	93
9.	13.11.2023	12.6	29.8	162	78
10.	14.11.2023	11.3	28.2	154	73
11.	15.11.2023	10.8	27.4	130	57
12.	16.11.2023	11.6	27.0	126	61
13.	17.11.2023	9.7	26.7	132	54
14.	18.11.2023	11.3	28.0	134	58
15.	19.11.2023	10.0	26.8	123	51

N.B:

1.Monitoring stations are at Office Buildings of respective Regional Office, Head Office and Central Laboratory.

2.BDL- Below Detectable Limit, BDL Value for SO₂ ≤4 µg/m³

3.For Heavy Metals (Pb,Ni,& As in PM₁₀) and (Al,Ba & Fe in PM_{2.5}), digested samples have not been analysed due to maintenance problem of ICP-MS.