

Sound Level in Bangkok Metropolitan Region 2002

January

Table 1 : Sound Level at Roadside (Maximum-Minimum)

No.	Station	Day-Night average sound level (L_{dn})	Equivalent sound level 24hr (L_{eq} 24hr.)	% of days Equivalent sound level >70 dBA	Background Noise (L_{90})
1.	Prachasongkroh Rd., Huykwang	72.0 - 74.0	66.9 - 68.9	0	54.6 - 71.7
2.	Odent Roundabout, Yaowarat Rd., Sumpantawong	75.5 - 78.0	70.2 - 72.9	100	56.2 - 71.3
3.	Intrapitak Rd., Thonburi	77.5 - 79.8	71.9 - 74.5	100	61.1 - 72.0
4.	Residence of Police, Bangkapi	78.8 - 80.1	73.1 - 74.4	100	61.3 - 71.0
5.	Dindang Residence, Dindang	78.6 - 80.2	72.7 - 73.9	100	63.1 - 75.1
6.	Phahurat	81.7 - 98.4	74.9 - 90.9	100	59.9 - 77.4
7.	Thonburi Transit District, A.Kratumban, Samutsakorn	71.7 - 74.1	66.0 - 68.2	0	54.2 - 67.3

Table 2: Sound Level in Ambient (Minimum-Maximam)

No.	Station	Day-Night average sound level (L_{dn})	Equivalent sound level 24hr (L_{eq} 24hr.)	% of days Equivalent sound level >70 dBA	Background Noise (L_{90})
1.	Ramkamhang University, Bangkapi	60.9 - 71.1	56.9 - 69.9	0	48.1 - 67.6
2.	Nonseewittaya School, Yannawa	64.0 - 79.6	59.0 - 79.5	17	52.1 - 70.1
3.	Singharatpittaya School, Bangkuntean	67.2 - 69.2	62.6 - 64.2	0	49.5 - 61.4
4.	Sukhothaithummatirat University, Nontaburi	62.0 - 66.6	55.3 - 60.1	0	47.5 - 63.4

February

Table1 : Sound Level at Roadside (Maximum-Minimum)

No.	Station	Day-Night average sound level (L _{dn})	Equivalent sound level 24hr (L _{eq} 24hr.)	% of days Equivalent sound level >70 dBA	Background Noise (L ₉₀)
1.	Prachasongkroh Rd., Huykwang	72.8 - 73.7	67.9 - 69.0	0	55.5 - 70.5
2.	Odient Roundabout, Yaowarat Rd., Sumpantawong	76.0 - 78.7	71.5 - 75.1	100	54.9 - 80.9
3.	Intrapitak Rd., Thonburi	78.1 - 80.5	72.6 - 74.4	100	45.7 - 71.2
4.	Residence of Police, Bangkapi	78.5 - 80.0	73.1 - 74.1	100	60.1 - 71.3
5.	Dindang Residence, Dindang	79.0 - 79.5	72.9 - 73.3	100	64.1 - 71.1
6.	Phahurat	83.9 - 101.5	75.9 - 96.2	100	66.6 - 79.6
7.	Thonburi Transit District, A.Kratumban, Samutsakorn	71.5 - 74.5	66.3 - 68.5	0	54.6 - 68.3

Table 2 : Sound Level in Ambient (Minimum-Maximam)

No.	Station	Day-Night average sound level (L _{dn})	Equivalent sound level 24hr (L _{eq} 24hr.)	% of days Equivalent sound level >70 dBA	Background Noise (L ₉₀)
1.	Ramkamhang University, Bangkapi	62.4 - 63.0	59.6 - 60.6	0	48.7 - 66.0
2.	Klongchan Residence., Sukhapiban I Rd., Bangkapi	61.3 - 69.6	55.9 - 61.1	0	48.2 - 54.3
3.	Nonseewittaya School, Yannawa	63.8 - 76.0	58.8 - 75.7	44	53.6 - 66.0
4.	Singharatpittaya School, Bangkuntean	67.5 - 72.1	62.9 - 66.9	0	48.5 - 67.9
5.	Sukhothaihummatirat University, Nontaburi	63.1 - 68.7	57.0 - 62.5	0	47.4 - 62.2

March

Table 1 : Sound Level at Roadside (Maximum-Minimum)

No.	Station	Day-Night average sound level (L_{dn})	Equivalent sound level 24hr (L_{eq} 24hr.)	% of days Equivalent sound level >70 dBA	Background Noise (L_{90})
1.	Prachasongkroh Rd., Huykwang	72.1 - 73.2	66.9 - 68.5	0	54.9 - 73.6
2.	Odent Roundabout, Yaowarat Rd., Sumpantawong	75.9 - 80.0	70.8 - 75.4	100	56.7 - 77.3
3.	Intrapitak Rd., Thonburi	78.5 - 80.2	73.3 - 74.6	100	62.3 - 71.0
4.	Residence of Police, Bangkapi	78.5 - 80.2	72.9 - 74.1	100	61.1 - 72.2
5.	Dindang Residence, Dindang	73.1 - 96.6	68.2 - 86.7	96	57.8 - 76.7
6.	Phahurat	78.8 - 100.8	73.0 - 93.9	100	64.7 - 80.3
7.	Training of Development and Energy Promotioent Division, Bangkray	71.7 - 72.7	67.1 - 68.4	0	48.3 - 68.0
8.	Thonburi Transit District, A.Kratumban, Samutsakorn	71.6 - 72.6	66.0 - 67.1	0	54.6 - 67.5

Table 2: Sound Level in Ambient (Minimum-Maximam)

No.	Station	Day-Night average sound level (L_{dn})	Equivalent sound level 24hr (L_{eq} 24hr.)	% of days Equivalent sound level >70 dBA	Background Noise (L_{90})
1.	Ramkamhang University, Bangkapi	61.9 - 66.2	58.9 - 64.9	0	47.5 - 63.0
2.	Klongchan Residence., Sukhapiban I Rd., Bangkapi	60.7 - 63.4	55.7 - 58.3	0	49.0 - 56.8
3.	Nonseewittaya School, Yannawa	63.7 - 73.9	58.1 - 73.5	24	49.5 - 62.1
4.	Singharatpittaya School, Bangkuntean	66.4 - 91.3	61.9 - 85.6	32	46.9 - 72.7
5.	Sukhothaihummatirat University, Nontaburi	64.0 - 69.3	57.0 - 63.0	0	47.8 - 65.5

April

Table 1 : Sound Level at Roadside (Maximum-Minimum)

No.	Station	Day-Night average sound level (L _{dn})	Equivalent sound level 24hr (L _{eq} 24hr.)	% of days Equivalent sound level >70 dBA	Background Noise (L ₉₀)
1.	Prachasongkroh Rd., Huykwang	70.6 - 79.8	65.9 - 72.2	29	53.4 - 75.1
2.	Orient Roundabout, Yaowarat Rd., Sumpantawong	74.3 - 77.7	69.2 - 73.1	93	56.1 - 73.1
3.	Intrapitak Rd., Thonburi	77.9 - 79.8	72.7 - 74.2	100	60.5 - 71.3
4.	Residence of Police, Bangkok	78.7 - 79.9	73.1 - 73.9	100	61.8 - 71.6
5.	Dindang Residence, Dindang	83.3 - 102.3	75.7 - 95.4	100	58.4 - 84.3
6.	Phahurat	76.9 - 94.9	71.4 - 88.0	100	63.2 - 76.5
7.	Training of Development and Energy Promotion Division, Bangkok	71.3 - 75.0	66.7 - 74.0	12	47.5 - 75.6
8.	Thonburi Transit District, A.Kratumban, Samutsakorn	70.8 - 74.8	66.0 - 68.3	0	56.0 - 68.1

Table 2: Sound Level in Ambient (Minimum-Maximum)

No.	Station	Day-Night average sound level (L _{dn})	Equivalent sound level 24hr (L _{eq} 24hr.)	% of days Equivalent sound level >70 dBA	Background Noise (L ₉₀)
1.	Ramkhamhang University, Bangkok	60.2 - 64.6	54.2 - 61.1	0	47.7 - 62.5
2.	Klongchan Residence., Sukhapiban I Rd., Bangkok	60.7 - 63.6	55.0 - 57.8	0	48.1 - 53.3
3.	Nonseewittaya School, Yannawa	63.1 - 78.1	57.3 - 78.0	41	50.3 - 68.2
4.	Singharatpittaya School, Bangkok	65.3 - 79.4	61.3 - 77.3	20	52.3 - 68.6
5.	Sukhothai Thummatirat University, Nontaburi	62.0 - 65.0	55.3 - 59.8	0	46.4 - 60.1

May

Table 1 : Sound Level at Roadside (Maximum-Minimum)

No.	Station	Day-Night average sound level (L _{dn})	Equivalent sound level 24hr (L _{eq} 24hr.)	% of days Equivalent sound level >70 dBA	Background Noise (L ₉₀)
1.	Prachasongkroh Rd., Huykwang	70.9 - 72.7	66.8 - 67.7	0	53.5 - 70.0
2.	Odent Roundabout, Yaowarat Rd., Sumpantawong	75.4 - 78.3	70.4 - 74.2	100	55.6 - 72.3
3.	Intrapitak Rd., Thonburi	68.0 - 79.5	67.7 - 74.4	96	43.7 - 71.2
4.	Residence of Police, Bangkapi	79.0 - 81.1	74.0 - 75.2	100	59.9 - 77.0
5.	Training of Development and Energy Promotion Division, Bangkruy	69.5 - 72.6	65.0 - 68.7	0	46.8 - 70.5
6.	Thonburi Transit District, A.Kratumban, Samutsakorn	72.1 - 73.4	66.4 - 69.2	0	55.2 - 66.9

Table 2: Sound Level in Ambient (Minimum-Maximam)

No.	Station	Day-Night average sound level (L _{dn})	Equivalent sound level 24hr (L _{eq} 24hr.)	% of days Equivalent sound level >70 dBA	Background Noise (L ₉₀)
1.	Nonseewittaya School, Yannawa	63.0 - 77.8	58.7 - 77.7	43	50.9 - 64.7
2.	Singharatpittaya School, Bangkuntean	63.7 - 83.1	58.1 - 75.9	19	49.5 - 71.3
3.	Sukhothaithummatirat University, Nontaburi	60.7 - 65.5	54.1 - 59.7	0	43.5 - 59.9