

## Long Term Measured Aircraft Noise Level Values in dB CNEL at each station

Q-1 thru Q-4	Noise Monitoring Stations									
	1S	2S	3S	4S	5S	6S	7S	8N	9N	10N
2018	68.2	67.2	66.6	60.1	59.7	60.8	57.0	68.0	44.6	56.7
2017	67.9	66.9	66.6	59.3	59.1	60.1	56.3	67.9	43.3	55.5
2016	67.8	66.7	66.4	59.6	58.9	59.9	56.0	67.7	43.9	56.4
<sup>8</sup> 2015	67.0	65.9	65.7	59.0	57.8	59.4	55.6	67.3	43.2	55.2
2014	66.4	65.5	65.0	58.1	57.3	59.0	55.1	67.0	43.5	55.1
2013	65.9	65.1	64.4	57.5	56.8	58.4	54.7	66.9	43.5	54.8
2012	66.2	65.4	64.6	57.7	57.0	58.6	54.6	67.0	44.7	55.3
2011	66.5	65.3	64.1	57.2	56.8	58.4	54.0	67.2	44.0	55.3
2010	66.6	65.4	64.3	57.1	57.4	58.3	54.1	67.4	43.0	55.8
2009	66.4	65.1	64.2	57.3	56.5	58.3	52.6	67.2	42.7	55.7
2008	67.0	65.5	65.0	57.9	57.1	59.2	55.1	68.0	43.8	56.5
2007	67.6	66.0	65.7	58.4	57.7	59.9	55.5	68.7	44.6	57.1
2006	67.5	66.0	65.6	58.4	57.7	59.7	55.9	68.7	45.8	57.1
2005	67.8	66.8	66.0	59.1	58.9	60.6	57.9	68.7	49.9	57.3
2004	67.9	66.8	66.0	59.5	59.9	60.5	57.7	68.4	51.8	57.1
2003	66.9	65.8	64.9	58.7	58.7	59.8	57.8	68.4	52.6	57.1
2002	66.7	66.0	64.7	58.9	58.3	59.3	58.0	68.4	53.2	57.1
2001	66.5	66.5	64.7	59.2	58.2	59.3	58.0	68.4	51.4	57.0
2000	66.7	66.7	65.0	59.5	58.5	<sup>7</sup> 59.9	57.7	68.5	51.6	57.2
1999	66.3	66.0	64.6	59.8	<sup>6</sup> 58.7	59.8	57.1	67.7	52.1	56.9
1998	66.6	65.7	64.7	61.1	60.1	60.2	57.2	67.6	50.8	57.1
1997	66.0	65.7	64.4	60.0	57.8	59.7	57.3	67.7	54.9	55.9
1996	66.0	65.5	64.4	57.5	57.8	59.3	57.5	67.9	55.3	56.8
1995	66.0	65.3	64.3	56.2	58.1	58.8	57.1	67.7	50.3	56.7
1994	65.3	64.6	63.7	<sup>3</sup> 57.3	<sup>4</sup> 57.4	<sup>5</sup> 58.5	56.9	67.3	51.8	55.9
1993	65.9	65.5	64.3	N/A	<sup>1</sup> 54.5	<sup>2</sup> 57.6	56.2	67.0	50.1	56.8

<sup>1</sup> 1993, NMS 5S (RMS 5) located at 2601 Vista del Oro, Newport Beach

<sup>2</sup> 1993, NMS 6S (RMS 4) located at 1907 Tradewinds Lane, Newport Beach

<sup>3</sup> 1994, NMS 4S (RMS 22) located at 2338 Tustin Avenue, Newport Beach

<sup>4</sup> 1994, NMS 5S (RMS 21) located at 223 Nata, Newport Beach

<sup>5</sup> 1994, NMS 6S (RMS 24) located at 1918 Santiago, Newport Beach

<sup>6</sup> 1999, NMS 5S Located at 324 1/2 Vista Madera, Newport Beach

<sup>7</sup> 2000, NMS 6S (RMS 24) located at 1912 Santiago, Newport Beach

<sup>8</sup> 2015, Installation of a new, more sensitive, noise monitoring system