

California State Airport Noise Standards Quarterly Report

Fourth Quarter 2011



Ontario

Los Angeles

World Airports

Los Angeles World Airports
Ontario International Airport

March 19, 2013

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California State Airport Noise Standards Quarterly Report

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Noise contour map

**SUMMARY OF STATISTICAL INFORMATION
FOR
CALIFORNIA DEPARTMENT OF TRANSPORTATION**

Ontario International Airport
Fourth Quarter 2011

1. Size of Noise Impact Area as defined in the Noise Standards (California Code of Regulations, Title 21, Chapter 2.5, Subchapter 6):

1.2 Acres

2. Estimated number of dwelling units included in the Noise Impact Area as defined in the Noise Standards:

4

3. Estimated number of people residing within the Noise Impact Area as defined in the Noise Standards:

13

4. Identification of aircraft type having highest takeoff noise level operating at this airport together with estimated number of operations by this aircraft type during the calendar quarter reporting period:

B747: 124

5. Total number of aircraft operations during the calendar quarter:

21,240

6. Number of Air Carrier operations during the calendar quarter: (Not Mandatory)

14,825

7. Percentage of Air Carrier operations by aircraft certificated under Federal Aviation Regulation (FAR) Part 36, Stage III. (Not Mandatory)

100%

8. Estimated number of operations by General Aviation aircraft during the calendar quarter: (Not Mandatory)

4,275

9. Estimated number of operations by Military aircraft during the calendar quarter: (Not Mandatory)

19

Ontario International Airport

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Incompatible Land Use

Annual Noise Impact Accumulated by Noise Zone: CNEL 65, 70, and 75+

4Q11	Total Cumulative Noise Impact Area - City of Ontario											
	CNEL 65dB and Above				CNEL 70dB and Above				CNEL 75dB and Above			
	Dwelling				Dwelling				Dwelling			
Land Use	Acres	Units	Parcels	Population	Acres	Units	Parcels	Population	Acres	Units	Parcels	Population
Single Family	0.8	3	3	10	0.0	0	0	0	0.0	0	0	0
Multi Family	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Mobile Home	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Schools	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Churches	0.4	1	1	3	0.0	0	0	0	0.0	0	0	0
Hospitals	0.0	0	0	0	0.0	0	0	0	0.0	0	0	0
Total Incompatible	1.2	4	4	13	0.0	0	0	0	0.0	0	0	0

October	ONT01*	ONT02*	ONT03*	ONT04	ONT05*	ONT06	ONT07	ONT08	ONT09	ONT10	ONT11	ONT12*	ONT13*	ONT14	ONT15
1 Sat	51	48	--	54	52	56	58	52	61	53	58	52	58	64	58
2 Sun	53	52	--	57	52	56	60	53	60	53	57	31	57	62	54
3 Mon	54	55	--	59	54	58	61	58	63	57	58	41	59	66	61
4 Tue	59	61	--	65	60	69	72	64	70	61	63	54	63	68	62
5 Wed	58	60	--	65	60	65	67	65	69	62	61	55	61	69	63
6 Thu	54	55	--	59	55	58	61	59	63	57	64	42	64	69	63
7 Fri	53	55	--	59	54	58	60	59	62	55	63	49	64	67	60
8 Sat	49	50	--	55	53	57	59	55	60	54	59		59	64	59
9 Sun	53	52	--	58	51	56	60	52	60	54	58	30	55	62	54
10 Mon	54	52	--	59	52	58	60	56	61	54	58	47	58	66	60
11 Tue	54	55	--	59	55	58	62	59	63	55	63	45	63	68	61
12 Wed	54	57	--	58	55	58	60	58	62	56	63	35	61	66	59
13 Thu	53	55	--	57	52	56	59	56	62	59	63	47	60	68	61
14 Fri	57	55	--	63	53	59	65	58	65	59	61		62	67	59
15 Sat	55	54	--	62	57	63	66	57	66	58	57	42	57	64	59
16 Sun	49	50	--	56	55	58	60	56	61	54	60	45	58	64	57
17 Mon	54	53	--	60	55	59	62	58	64	57	60	28	59	66	60
18 Tue	54	54	--	60	59	61	63	60	64	58	65		65	68	62
19 Wed	59	56	--	62	63	64	66	63	68	58	61	52	60	69	62
20 Thu	57	55	--	61	60	62	65	61	66	57	62	27	60	70	62
21 Fri	56	55	--	61	56	60	64	60	67	58	62		61	68	60
22 Sat	51	48	--	54	52	55	57	52	58	50	62		61	66	58
23 Sun	53	51	--	57	51	56	60	53	60	52	59		56	64	56
24 Mon	56	57	--	62	55	60	65	60	66	58	57	27	45	68	62
25 Tue	58	57	--	64	61	64	68	65	70	62	62	34	58	70	62
26 Wed	60	60	--	66	62	65	68	66	70	61	63		51	69	61
27 Thu	58	57	--	63	58	62	65	61	67	59	64	44	58	68	59
28 Fri	52	55	--	57	52	56	59	56	61	55	63		61	68	57
29 Sat	48	52	--	53	51	53	56	53	58	52	59		58	65	56
30 Sun	52	50	--	56	47	55	59	53	60	52	60		56	68	54
31 Mon	52	52	--	58	52	57	60	56	62	56	60	34	60	67	60

* = Not Required for Title 21 Reporting

November	ONT01*	ONT02*	ONT03*	ONT04	ONT05*	ONT06	ONT07	ONT08	ONT09	ONT10	ONT11	ONT12*	ONT13*	ONT14	ONT15
1 Tue	54	54	--	59	55	59	62	59	63	55	64		62	69	61
2 Wed	56	51	--	62	51	54	60	57	60	52	64	51	57	64	55
3 Thu	55	58	--	59	54	57	61	59	64	58	62		59	69	61
4 Fri	58	59	--	63	55	62	66	61	67	60	61		61	68	60
5 Sat	49	52	--	56	52	55	58	56	59	52	60		61	66	59
6 Sun	54	55	--	59	55	59	62	55	63	56	60	31	58	64	56
7 Mon	54	54	--	60	55	58	62	59	64	56	61	31	63	68	61
8 Tue	55	55	--	60	54	59	62	59	65	60	66	33	65	70	60
9 Wed	55	54	--	60	52	56	60	57	61	55	65	49	64	68	58
10 Thu	56	55	--	58	53	56	60	59	62	56	64	48	62	67	58
11 Fri	51	51	--	57	50	53	58	54	60	55	63	54	61	67	58
12 Sat	56	54	--	66	38	48	60	56	55	50	62	54	59	61	53
13 Sun	57	53	--	60	54	58	62	55	63	55	60	36	57	65	56
14 Mon	60	57	--	58	55	59	61	60	63	56	60	50	61	68	61
15 Tue	52	54	--	58	56	61	62	59	63	55	64	54	63	70	61
16 Wed	55	56	--	60	55	59	62	59	64	55	64	57	64	71	62
17 Thu	54	55	--	59	57	59	61	60	64	58	63	56	63	70	62
18 Fri	57	57	--	63	60	63	67	63	69	59	60	46	50	68	59
19 Sat	50	52	--	56	52	55	60	55	60	53	60	53	62	67	59
20 Sun	54	54	--	59	54	57	61	55	62	56	59	42	58	65	56
21 Mon	57	58	--	62	60	64	66	61	67	60	59	38	49	67	
22 Tue	56	55	--	60	58	60	62	59	64	59	66	59	64	70	--
23 Wed	54	55	--	59	55	58	61	60	64	60	65	53	63	69	--
24 Thu	52	52	--	57	58	59	61	60	63	54	61	53	60	63	--
25 Fri	52	53	--	58	54	57	60	57	62	55	61	47	59	65	--
26 Sat	53	53	--	59	58	59	63	58	63	55	62	35	49	65	--
27 Sun	53	55	--	64	51	54	59	53	59	52	59	51	57	63	--
28 Mon	53	54	--	60	54	58	61	56	62	55	60	52	57	66	--
29 Tue	54	54	--	59	56	58	61	59	64	56	65	54	62	69	--
30 Wed	60	57	--	67	55	59	64	61	65	58	65	58	63	69	62

* = Not Required for Title 21 Reporting

December	ONT01*	ONT02*	ONT03*	ONT04	ONT05*	ONT06	ONT07	ONT08	ONT09	ONT10	ONT11	ONT12*	ONT13*	ONT14	ONT15
1 Thu	60	58	--	69	57	58	65	59	65	57	66	56	62	61	55
2 Fri	53	55	--	59	55	57	60	59	62	58	64	53	61	68	60
3 Sat	53	46	--	60	32	48	53	51	54	49	61	52	61	65	56
4 Sun	52	52	--	58	52	56	60	58	62	54	61		55	63	53
5 Mon	57	51	--	65	35		57	51	54	49	67	57	64	55	
6 Tue	53	52	--	57	56	59	61	60	63	56	63	54	59	66	57
7 Wed	52	57	--	58	52	56	60	58	62	57	65	55	61	68	59
8 Thu	55	56	--	60	55	58	62	58	63	57	64	55	62	70	60
9 Fri	53	56	--	58	52	57	58	57	62	58	66	55	63	67	58
10 Sat	51	51	--	58	49	54	59	51	58	51	59	49	59	65	57
11 Sun	51	53	--	56	51	55	59	55	60	54	61	49	60	65	57
12 Mon	58	55	--	66	52	51	61	54	60	54	63	57	63	65	56
13 Tue	56	55	--	61	58	60	63	60	65	57	65	58	64	70	62
14 Wed	54	55	--	59	55	59	62	60	64	58	64	58	64	70	62
15 Thu	57	58	--	62	58	61	64	61	65	60	66	58	64	69	61
16 Fri	60	57	--	68	51	54	62	60	60	53	68	57	64	59	
17 Sat	58	54	--	66	43	54	62	52	60	51	64	52	61	64	55
18 Sun	54	54	--	60	53	58	62	56	63	56	63	50	60	66	57
19 Mon	54	55	--	61	57	60	64	61	65	57	64	54	63	68	60
20 Tue	54	54	--	60	60	62	64	62	66	57	66	57	64	70	62
21 Wed	55	56	--	59	59	60	62	62	66	57	66	58		71	64
22 Thu	60	59	--	68	62	65	68	66	69	61	69	56	--	66	58
23 Fri	53	52	--	63	51	54	59	54	59	53	60	48	--	63	53
24 Sat	48	50	--	55	48	49	54	51	56	48	61	39	--	62	52
25 Sun	45	46	--	51	44	49	54	46	55	47	54		--	58	47
26 Mon	51	52	--	57	50	55	60	53	60	53	56	50	--	63	54
27 Tue	54	55	--	60	55	58	61	58	63	56	62	52		67	58
28 Wed	57	56	--	60	56	58	62	58	63	55	65	55	62	68	59
29 Thu	53	54	--	58	56	57	60	58	62	57	64	54	61	68	59
30 Fri	52	58	--	59	53	56	61	58	64	55	64	54		70	61
31 Sat	54	55	--	62	61	61	64	62	67	57	63	41	--	65	57

* = Not Required for Title 21 Reporting

**Summary of Actions Taken by LAWA to Comply with the Specific
Requirements Imposed by Conditions of the Current Noise Variance
Ontario International Airport**

Fourth Quarter 2011

The Los Angeles World Airports (LAWA) continuously works to operate an airport that maintains the highest possible environmental quality of life for surrounding communities. To that end, LAWA continues to take the following actions:

- LAWA implements and monitors its Noise Control Program to reduce the impact of the aircraft noise on nearby residential communities.
- LAWA works closely with the Federal Aviation Administration (FAA) to continue implementation of the ONT preferential runway use program, including the use of contra-flow procedures during the nighttime hours. LAWA Operations personnel coordinate with the FAA on any construction activities that may cause deviations from contra-flow procedures.
- LAWA continues to work with the City of Ontario and appropriate school districts toward the implementation of the Sound Insulation and Property Acquisition programs pursuant to the Ontario FAR Part 150 Noise Compatibility Program. This is implemented primarily through the Aircraft Noise Mitigation Program (ANMP), which provides funding for the Residential Sound Insulation and Property Acquisition programs run by the City of Ontario. With each second quarter Quarterly Report, LAWA normally submits an annual update of its ANMP at ONT. This update includes the funding availability and the annual performance of the City of Ontario in its efforts to mitigate incompatible land uses surrounding the airport.
- LAWA continues to provide staff to respond to aircraft-noise related citizen complaints.
- LAWA also actively participates in the meetings with the Ontario Airport Noise Advisory Committee (OANAC) to address issues of concern affecting communities surrounding the airport.