



METROPOLITAN WASHINGTON
AIRPORTS AUTHORITY

2011 Annual Aircraft Noise Report
for
Washington Dulles International Airport (IAD)
and
Ronald Reagan National Airport (DCA)

In 2011, as in 2010, Washington Dulles International Airport and Ronald Reagan Washington National Airport served approximately 42 million passengers and handled over 609 thousand flight operations.* The Metropolitan Washington Airports Authority, operator of both airports, frequently receives inquiries about flight operations and aircraft noise. This report is to provide information regarding flight operations, monitored noise levels, and community complaint statistics.

Typical Daily Flight Tracks

On a typical day over 4,000 airplanes will fly in the skies over the Washington region. Most of these flights are to, or from, Dulles, National, Baltimore Washington, or Andrews Air Force base. Many flight operations occur at the numerous general aviation airfields in the region. Included are two flight track maps (Figures 1 and 2) which each depict a 24 hour day of flight activity at each airport. **Red** lines represent departures, **blue** lines represent arrivals, and **green** lines represent overflights that are not using the airport in the figure.

* To access detailed Air Traffic Statistics, please click the Airport Services tab from the black menu bar on the mwaa.com homepage.



Figure 1 - Typical mixed flow operations for a 24 hour day at Dulles International Airport (4462 tracks). Arrivals are in **Blue (463 tracks)**, departures are in **Red (471 tracks)**, and overflights are in **Green (3528 tracks)**.

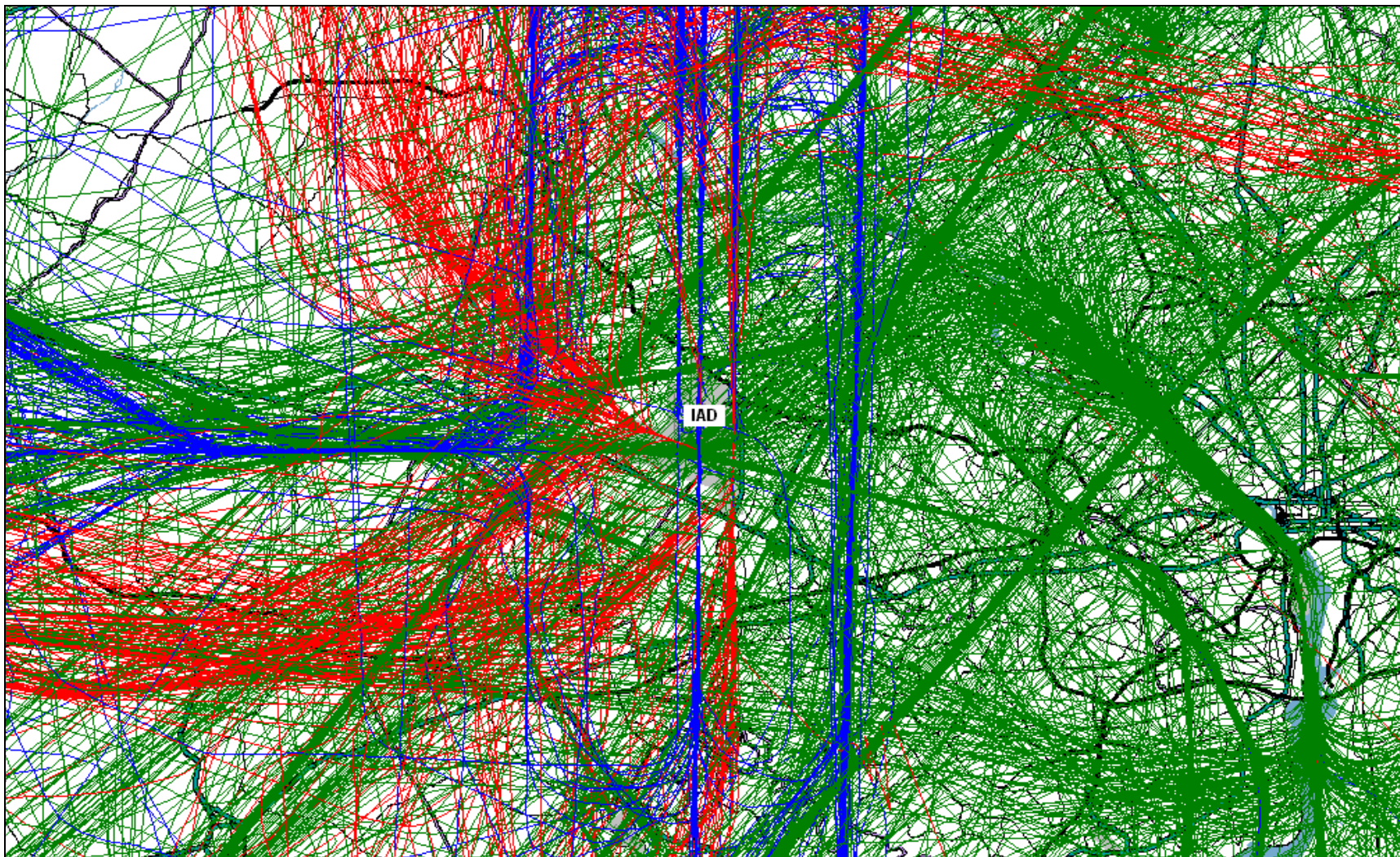
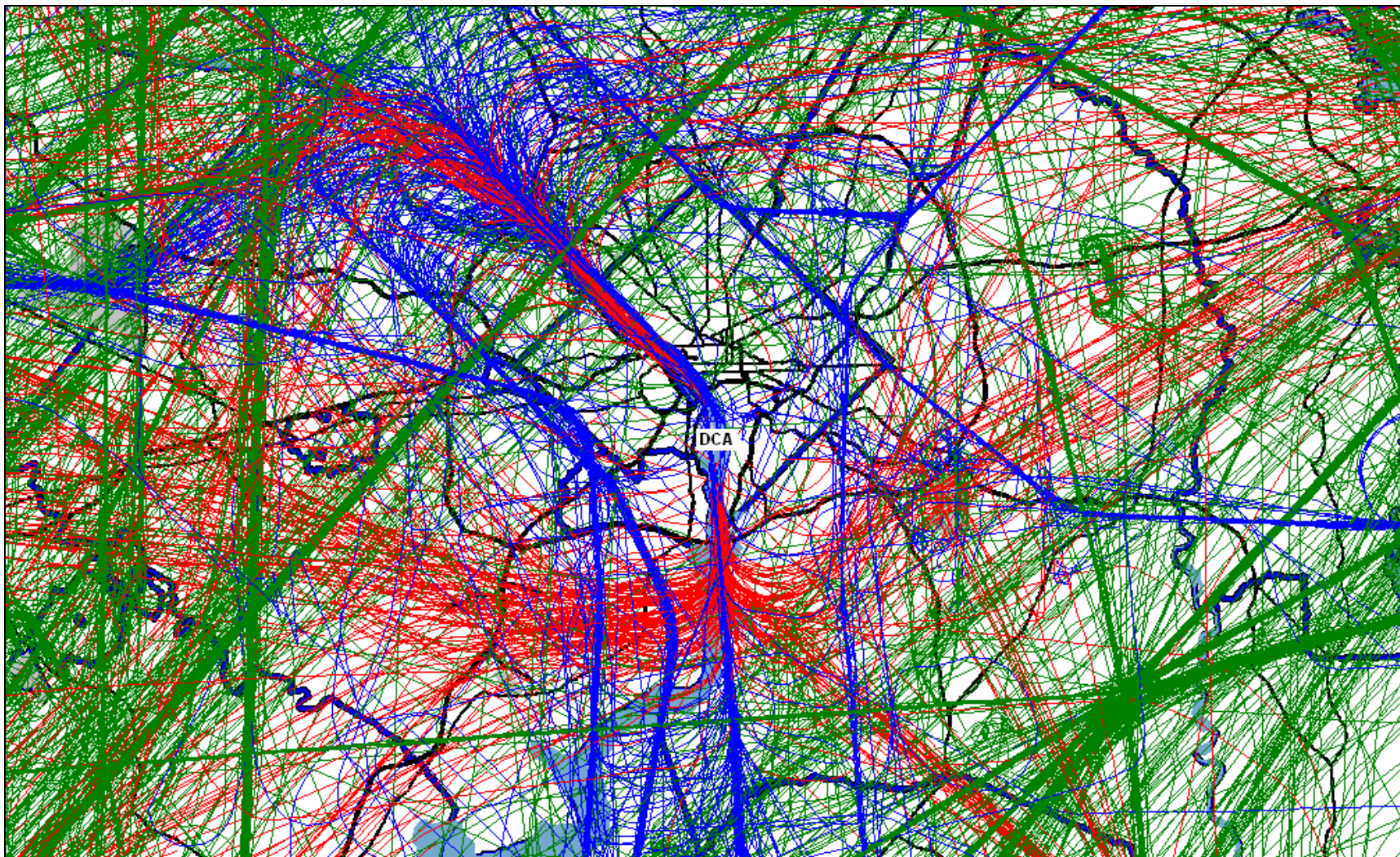




Figure 2 – Typical mixed flow operations for a 24 hour day at Ronald Reagan National Airport. Arrivals are in **Blue (399 tracks)**, departures are in **Red (411 tracks)**, and overflights are in **Green (3725 tracks)**.





Regional Noise Levels

The Airports Authority has installed 36 of the planned 40 noise monitors around both airports and we are currently monitoring aircraft and community noise levels around the clock at 36 of these locations (see Figures 3 and 4). The monitoring equipment evaluates sound events and system software separates those events likely to have been caused by an aircraft from the remaining events, which are attributed to the community.

There are many ways to measure the impact of aircraft noise. For this report, all noise levels are displayed in DNL. DNL is the day-night annual average sound level in “A” weighted decibels (dBA). This 24 hour average sound level takes into account the maximum levels of noise, the duration of each noise event, and the time each noise event occurred. Each event that occurs between 10pm and 7am is increased by 10 dB to account for the increased annoyance normally associated with night time noise. This is the Federal Aviation Administration’s preferred metric and is the standard metric for assessing the impact of aircraft noise exposure around airports in the United States.

This report provides three different DNL values for each site. The data in the “Total DNL” column is the result of combining the aircraft and the community DNL noise values. The “Aircraft DNL” column shows the noise levels determined by our noise and flight track monitoring system to have been caused by aircraft and the “Community DNL” column shows the noise levels caused by other noise sources in the community.

From time to time, due to technical problems with the noise monitoring equipment and/or associated software, noise data may not be available from a particular site. When issues cause there to be more than several weeks of data to be lost, or cause the integrity of the data to be questioned, the sites involved will have that data excluded from the report.

- Three (3) month of data from site 16 were removed from this report due to an electric power problem. (Dulles)
- Site 18 was installed in October 2011 and accurate data became available in December 2011. (Dulles)
- Three (3) months of data from site 25 have been excluded from this annual report because of a microphone calibration issue. (Dulles).
- Four (4) months of data from site 29 were lost due to hardware failure (Dulles).
- Four (4) month of data from site 9 were not captured after the monitor was struck by lightning. (National)
- Sites 17 and 19 each had several months of noise data excluded from this report due to intermittent communications failures. (National)



Figure 3 – Noise Monitors around Dulles Airport.



<u>Site</u>	<u>Location</u>
13	Dairy Ln and Youngs Cliff Rd Sterling, VA
14	Belmont Ridge Rd and Evergreen Mills Rd
15	Guilford Elementary School
16	Pleasant Valley Golf Club
18	Ashburn Elementary School
21	Cub Run Elementary School
24	Floris Elementary School
25	Willard rd and Brookfield Cor. Dr.
26	Algonkian Elementary School
27	Broad Run High School
28	Aldie Elementary School
29	Union Mill Elementary School
30	London Towne Elementary School
33	Virginia Run Elementary School
34	Westfield High School
35	Crossfield Elementary School
36	Armstrong Elementary School
37	Mercer Middle School
38	Briar Woods High School
39	Stone Bridge High School
40	Sycolin Creek Elementary School



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Site Number	Month/Year	DNL	DNL-ac	DNL-c
13	Jan-11	58.4	47.1	58.0
13	Feb-11	60.4	51.4	59.8
13	Mar-11	67.0	58.1	66.4
13	Apr-11	68.1	54.2	67.9
13	May-11	59.3	46.2	59.1
13	Jun-11	57.8	50.1	57.0
13	Jul-11	60.9	50.3	60.6
13	Aug-11	63.6	49.3	63.4
13	Sep-11	63.7	50.6	63.5
13	Oct-11	58.8	49.1	58.3
13	Nov-11	57.9	49.7	57.1
13	Dec-11	59.1	49.2	58.6
14	Jan-11	71.8	62.7	71.2
14	Feb-11	72.0	63.2	71.4
14	Mar-11	72.0	63.8	71.3
14	Apr-11	72.4	64.9	71.5
14	May-11	72.2	64.7	71.3
14	Jun-11	72.4	64.4	71.6
14	Jul-11	71.6	60.9	71.2
14	Aug-11	72.0	61.7	71.6
14	Sep-11	71.7	60.5	71.4
14	Oct-11	72.1	61.8	71.7
14	Nov-11	72.2	60.9	71.9
14	Dec-11	71.8	62.7	71.2
15	Jan-11	58.9	41.0	58.8
15	Feb-11	60.0	40.6	60.0
15	Mar-11	59.6	39.1	59.6
15	Apr-11	61.1	42.4	61.1
15	May-11	61.7	42.1	61.7
15	Jun-11	64.5	43.4	64.4
15	Jul-11	64.9	42.4	64.9
15	Aug-11	64.3	41.9	64.3
15	Sep-11	63.9	46.0	63.8
15	Oct-11	61.4	45.3	61.3
15	Nov-11	59.9	44.3	59.8
15	Dec-11	59.6	44.2	59.4



Site Number	Month/Year	DNL	DNL-ac	DNL-c
16	Jan-11	54.8	46.2	54.2
16	Feb-11	57.0	49.5	56.2
16	Mar-11	58.2	51.7	57.1
16	Apr-11	58.7	50.7	58.0
16	May-11	NA	NA	NA
16	Jun-11	NA	NA	NA
16	Jul-11	NA	NA	NA
16	Aug-11	65.4	51.3	65.3
16	Sep-11	64.6	51.4	64.4
16	Oct-11	58.8	51.0	58.0
16	Nov-11	57.2	49.4	56.3
16	Dec-11	64.5	49.7	64.3
18	Jan-11	NA	NA	NA
18	Feb-11	NA	NA	NA
18	Mar-11	NA	NA	NA
18	Apr-11	NA	NA	NA
18	May-11	NA	NA	NA
18	Jun-11	NA	NA	NA
18	Jul-11	NA	NA	NA
18	Aug-11	NA	NA	NA
18	Sep-11	NA	NA	NA
18	Oct-11	NA	NA	NA
18	Nov-11	NA	NA	NA
18	Dec-11	68.4	58.6	67.9
21	Jan-11	59.9	53.6	58.7
21	Feb-11	60.6	52.8	59.9
21	Mar-11	60.6	54.5	59.4
21	Apr-11	61.5	56.2	60.0
21	May-11	61.3	56.3	59.7
21	Jun-11	59.9	49.9	59.4
21	Jul-11	60.6	51.6	60.1
21	Aug-11	59.8	52.2	58.9
21	Sep-11	59.1	51.0	58.3
21	Oct-11	59.6	52.0	58.8
21	Nov-11	59.2	51.2	58.5
21	Dec-11	58.9	52.6	57.8



Site Number	Month/Year	DNL	DNL-ac	DNL-c
24	Jan-11	58.8	45.0	58.6
24	Feb-11	59.9	43.0	59.8
24	Mar-11	59.0	39.4	59.0
24	Apr-11	60.0	41.2	60.0
24	May-11	61.3	38.0	61.3
24	Jun-11	62.5	41.6	62.5
24	Jul-11	62.7	38.7	62.7
24	Aug-11	62.5	41.2	62.5
24	Sep-11	61.6	38.0	61.6
24	Oct-11	60.1	37.8	60.1
24	Nov-11	59.8	43.1	59.7
24	Dec-11	59.9	47.6	59.7
25	Jan-11	63.4	57.1	62.2
25	Feb-11	63.5	56.7	62.5
25	Mar-11	64.0	57.5	62.9
25	Apr-11	63.6	56.2	62.8
25	May-11	62.2	51.0	61.9
25	Jun-11	64.8	59.6	63.2
25	Jul-11	63.3	56.3	62.3
25	Aug-11	63.6	57.3	62.5
25	Sep-11	62.7	54.3	62.1
25	Oct-11	NA	NA	NA
25	Nov-11	NA	NA	NA
25	Dec-11	NA	NA	NA
25	Dec-11	63.9	57.5	62.8
26	Jan-11	54.8	39.1	54.7
26	Feb-11	60.4	38.7	60.4
26	Mar-11	56.7	41.4	56.5
26	Apr-11	57.8	41.9	57.7
26	May-11	57.4	38.1	57.4
26	Jun-11	57.8	39.9	57.7
26	Jul-11	58.1	40.9	58.1
26	Aug-11	58.0	41.0	57.9
26	Sep-11	58.3	40.8	58.2
26	Oct-11	57.8	42.3	57.7
26	Nov-11	57.3	42.4	57.2
26	Dec-11	57.7	41.8	57.5



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Site Number	Month/Year	DNL	DNL-ac	DNL-c
27	Jan-11	55.7	42.5	55.4
27	Feb-11	59.0	41.9	58.9
27	Mar-11	57.4	45.4	57.1
27	Apr-11	57.0	45.0	56.8
27	May-11	62.8	53.3	62.3
27	Jun-11	56.7	41.4	56.6
27	Jul-11	56.3	42.9	56.1
27	Aug-11	58.5	45.8	58.3
27	Sep-11	57.1	40.8	57.0
27	Oct-11	57.9	44.2	57.7
27	Nov-11	56.6	43.8	56.4
27	Dec-11	57.1	39.8	57.1
28	Jan-11	51.2	30.8	51.2
28	Feb-11	52.7	33.5	52.7
28	Mar-11	52.3	29.3	52.2
28	Apr-11	54.0	29.5	54.0
28	May-11	54.5	37.9	54.4
28	Jun-11	57.0	37.6	57.0
28	Jul-11	56.1	26.0	56.1
28	Aug-11	58.0	31.3	58.0
28	Sep-11	59.4	36.8	59.4
28	Oct-11	54.6	32.9	54.6
28	Nov-11	52.4	0.0	52.4
28	Dec-11	54.0	35.8	53.9
29	Jan-11	57.8	42.3	57.7
29	Feb-11	56.9	43.1	56.7
29	Mar-11	54.9	43.4	54.6
29	Apr-11	54.7	40.7	54.5
29	May-11	55.0	40.3	54.8
29	Jun-11	64.5	49.7	64.4
29	Jul-11	58.7	41.4	58.7
29	Aug-11	58.2	41.3	58.1
29	Sep-11	NA	NA	NA
29	Oct-11	NA	NA	NA
29	Nov-11	NA	NA	NA
29	Dec-11	NA	NA	NA



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Site Number	Month/Year	DNL	DNL-ac	DNL-c
30	Jan-11	58.7	49.4	58.1
30	Feb-11	59.3	47.4	59.0
30	Mar-11	60.0	49.9	59.5
30	Apr-11	60.6	50.9	60.2
30	May-11	61.6	51.8	61.1
30	Jun-11	63.7	45.9	63.6
30	Jul-11	60.9	49.0	60.7
30	Aug-11	61.1	49.4	60.8
30	Sep-11	60.2	47.9	60.0
30	Oct-11	60.6	48.8	60.3
30	Nov-11	60.2	49.0	59.9
30	Dec-11	60.2	49.7	59.8
33	Jan-11	57.3	39.0	57.2
33	Feb-11	58.1	38.9	58.0
33	Mar-11	57.9	39.5	57.8
33	Apr-11	57.3	41.7	57.2
33	May-11	57.9	40.1	57.9
33	Jun-11	73.7	59.1	73.6
33	Jul-11	64.4	46.3	64.3
33	Aug-11	60.2	44.0	60.1
33	Sep-11	58.7	39.7	58.7
33	Oct-11	59.1	37.8	59.1
33	Nov-11	58.4	40.9	58.3
33	Dec-11	59.9	41.7	59.8
34	Jan-11	61.9	56.9	60.3
34	Feb-11	64.8	59.2	63.5
34	Mar-11	63.3	58.7	61.4
34	Apr-11	62.1	58.5	59.6
34	May-11	62.2	59.0	59.3
34	Jun-11	64.1	57.1	63.2
34	Jul-11	60.9	56.3	59.1
34	Aug-11	62.7	57.8	61.0
34	Sep-11	61.3	55.8	59.8
34	Oct-11	61.7	56.2	60.2
34	Nov-11	60.9	55.5	59.5
34	Dec-11	61.8	57.4	59.8



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Site Number	Month/Year	DNL	DNL-ac	DNL-c
35	Jan-11	57.7	35.3	57.7
35	Feb-11	59.4	40.2	59.4
35	Mar-11	58.7	39.0	58.7
35	Apr-11	58.5	36.4	58.5
35	May-11	64.0	35.3	64.0
35	Jun-11	64.4	48.7	64.3
35	Jul-11	59.5	37.5	59.5
35	Aug-11	59.8	37.5	59.8
35	Sep-11	59.2	28.4	59.2
35	Oct-11	58.7	33.3	58.7
35	Nov-11	58.0	33.0	58.0
35	Dec-11	58.1	34.9	58.1
36	Jan-11	58.7	43.3	58.6
36	Feb-11	60.8	41.6	60.7
36	Mar-11	59.5	36.5	59.5
36	Apr-11	59.8	35.2	59.8
36	May-11	59.2	42.8	59.0
36	Jun-11	60.9	38.0	60.9
36	Jul-11	60.7	43.2	60.6
36	Aug-11	61.2	36.5	61.2
36	Sep-11	60.3	35.2	60.3
36	Oct-11	59.6	34.4	59.5
36	Nov-11	59.4	34.3	59.4
36	Dec-11	60.0	34.6	59.9
37	Jan-11	58.8	54.5	56.9
37	Feb-11	60.0	53.2	59.0
37	Mar-11	59.5	54.9	57.6
37	Apr-11	60.3	56.0	58.2
37	May-11	61.1	56.8	59.0
37	Jun-11	61.3	56.8	59.4
37	Jul-11	61.4	56.0	59.9
37	Aug-11	61.9	54.7	60.9
37	Sep-11	61.4	54.5	60.4
37	Oct-11	60.0	54.7	58.6
37	Nov-11	59.6	55.3	57.6
37	Dec-11	60.1	55.7	58.1



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Site Number	Month/Year	DNL	DNL-ac	DNL-c
38	Jan-11	60.6	49.7	60.2
38	Feb-11	64.7	54.6	64.2
38	Mar-11	60.4	52.1	59.7
38	Apr-11	58.4	50.2	57.7
38	May-11	57.5	50.8	56.5
38	Jun-11	58.4	50.4	57.7
38	Jul-11	64.9	56.2	64.3
38	Aug-11	63.0	52.6	62.6
38	Sep-11	59.8	49.5	59.4
38	Oct-11	59.9	53.0	59.0
38	Nov-11	58.7	51.1	57.9
38	Dec-11	60.3	51.8	59.6

39	Jan-11	63.2	46.8	63.1
39	Feb-11	68.9	56.7	68.6
39	Mar-11	61.0	48.0	60.7
39	Apr-11	62.7	47.8	62.5
39	May-11	60.9	47.5	60.7
39	Jun-11	60.0	41.3	60.0
39	Jul-11	61.0	42.1	60.9
39	Aug-11	64.6	42.5	64.6
39	Sep-11	60.8	41.9	60.7
39	Oct-11	61.7	45.6	61.6
39	Nov-11	59.3	44.4	59.1
39	Dec-11	60.4	44.0	60.3

40	Jan-11	54.8	42.8	54.6
40	Feb-11	57.2	42.1	57.0
40	Mar-11	55.6	44.0	55.3
40	Apr-11	56.5	41.3	56.4
40	May-11	56.7	43.9	56.5
40	Jun-11	56.8	47.0	56.4
40	Jul-11	56.7	40.9	56.5
40	Aug-11	59.6	43.9	59.5
40	Sep-11	58.0	42.6	57.9
40	Oct-11	56.2	42.1	56.1
40	Nov-11	55.6	43.2	55.4
40	Dec-11	55.7	40.5	55.6



Figure 4 – Noise Monitors locations around National Airport.



<u>Site</u>	<u>Location</u>
2	Cabin John
3	Langley Forest
4	Potomac Palisades
5	Chain Bridge
6	Georgetown
7	Rosslyn
8	Founders Park
9	Springfield
10	Fort Foote
11	Marlan Forest
12	Tantallon
17	Southwest, D.C.
19	North Mt. Vernon
20	Dumbarton
22	Avenel
23	Permanently removed from service



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Site Number	Month/Year	DNL	DNL-ac	DNL-c
2	Jan-11	56.3	41.4	56.1
2	Feb-11	57.4	44.1	57.1
2	Mar-11	59.0	44.2	58.9
2	Apr-11	62.6	50.2	62.3
2	May-11	62.3	46.1	62.2
2	Jun-11	59.9	40.5	59.8
2	Jul-11	59.6	43.2	59.5
2	Aug-11	63.9	39.3	63.9
2	Sep-11	62.8	39.7	62.8
2	Oct-11	58.9	42.9	58.8
2	Nov-11	58.5	44.1	58.3
2	Dec-11	59.0	45.1	58.8
3	Jan-11	55.6	41.6	55.4
3	Feb-11	55.6	43.1	55.3
3	Mar-11	56.0	45.8	55.6
3	Apr-11	57.2	48.7	56.5
3	May-11	57.5	49.1	56.8
3	Jun-11	57.2	46.1	56.8
3	Jul-11	57.9	45.8	57.6
3	Aug-11	62.5	46.1	62.4
3	Sep-11	61.5	47.4	61.3
3	Oct-11	58.6	47.6	58.2
3	Nov-11	59.4	45.8	59.2
3	Dec-11	59.8	43.5	59.7
4	Jan-11	59.5	53.7	58.1
4	Feb-11	61.2	54.3	60.2
4	Mar-11	61.1	55.2	59.8
4	Apr-11	62.3	55.6	61.2
4	May-11	62.9	55.4	62.1
4	Jun-11	62.8	54.9	62.1
4	Jul-11	62.1	53.9	61.4
4	Aug-11	63.5	53.5	63.1
4	Sep-11	63.0	52.9	62.5
4	Oct-11	62.8	54.8	62.1
4	Nov-11	61.9	55.2	60.8
4	Dec-11	62.9	55.9	61.9



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Site Number	Month/Year	DNL	DNL-ac	DNL-c
5	Jan-11	65.6	56.7	65.0
5	Feb-11	70.4	60.4	70.0
5	Mar-11	68.3	63.3	66.6
5	Apr-11	63.5	57.4	62.3
5	May-11	61.5	55.1	60.4
5	Jun-11	62.5	54.3	61.8
5	Jul-11	64.4	54.5	64.0
5	Aug-11	63.6	52.8	63.2
5	Sep-11	61.7	54.1	60.8
5	Oct-11	62.5	55.2	61.6
5	Nov-11	61.4	54.6	60.4
5	Dec-11	65.6	56.7	65.0
6	Jan-11	60.5	51.4	60.0
6	Feb-11	61.0	51.8	60.4
6	Mar-11	65.4	58.7	64.4
6	Apr-11	64.7	54.8	64.2
6	May-11	64.6	54.9	64.1
6	Jun-11	65.1	52.9	64.9
6	Jul-11	65.8	53.9	65.5
6	Aug-11	65.2	53.0	65.0
6	Sep-11	63.2	50.3	63.0
6	Oct-11	62.0	51.8	61.6
6	Nov-11	61.8	52.7	61.3
6	Dec-11	61.3	51.9	60.8
7	Jan-11	62.2	58.8	59.6
7	Feb-11	62.2	58.0	60.1
7	Mar-11	63.5	59.8	61.0
7	Apr-11	67.5	60.5	66.6
7	May-11	67.2	60.1	66.3
7	Jun-11	66.3	61.1	64.8
7	Jul-11	64.9	59.0	63.6
7	Aug-11	66.3	59.8	65.2
7	Sep-11	66.3	58.7	65.5
7	Oct-11	64.1	59.6	62.2
7	Nov-11	63.3	59.4	61.1
7	Dec-11	66.4	60.1	65.3



Site Number	Month/Year	DNL	DNL-ac	DNL-c
8	Jan-11	61.5	55.6	60.2
8	Feb-11	62.8	57.8	61.1
8	Mar-11	63.2	58.7	61.3
8	Apr-11	63.5	58.7	61.8
8	May-11	64.4	59.9	62.4
8	Jun-11	63.2	58.0	61.6
8	Jul-11	64.8	57.0	64.0
8	Aug-11	61.4	55.4	60.2
8	Sep-11	62.3	56.5	61.0
8	Oct-11	62.7	57.4	61.2
8	Nov-11	62.2	57.2	60.5
8	Dec-11	61.5	55.6	60.2
9	Jan-11	58.7	NA	58.7
9	Feb-11	59.4	NA	59.4
9	Mar-11	60.0	NA	60.0
9	Apr-11	62.1	NA	62.1
9	May-11	65.1	NA	65.1
9	Jun-11	65.8	45.7	65.7
9	Jul-11	60.6	44.3	60.5
9	Aug-11	62.0	37.2	62.0
9	Sep-11	61.7	34.7	61.7
9	Oct-11	61.0	38.2	61.0
9	Nov-11	60.3	36.1	60.3
9	Dec-11	59.9	34.6	59.9
10	Jan-11	61.0	52.7	60.3
10	Feb-11	61.6	54.3	60.7
10	Mar-11	61.8	53.8	61.0
10	Apr-11	61.8	53.8	61.0
10	May-11	62.6	55.6	61.7
10	Jun-11	62.6	54.1	62.0
10	Jul-11	62.1	53.0	61.6
10	Aug-11	64.2	53.1	63.9
10	Sep-11	64.3	52.3	64.0
10	Oct-11	62.3	52.6	61.8
10	Nov-11	61.7	53.2	61.0
10	Dec-11	61.5	53.5	60.7



Site Number	Month/Year	DNL	DNL-ac	DNL-c
11	Jan-11	54.7	38.8	54.5
11	Feb-11	55.2	43.0	54.9
11	Mar-11	57.3	42.9	57.1
11	Apr-11	58.2	46.0	57.9
11	May-11	65.5	54.8	65.1
11	Jun-11	57.6	44.5	57.4
11	Jul-11	60.6	43.9	60.5
11	Aug-11	62.0	44.8	62.0
11	Sep-11	60.2	43.0	60.1
11	Oct-11	59.2	49.5	58.7
11	Nov-11	58.3	46.0	58.0
11	Dec-11	58.3	45.6	58.1
12	Jan-11	57.4	44.3	57.2
12	Feb-11	57.7	40.5	57.6
12	Mar-11	58.0	44.9	57.8
12	Apr-11	58.4	43.5	58.3
12	May-11	60.5	45.9	60.3
12	Jun-11	60.1	48.6	59.8
12	Jul-11	61.5	42.2	61.4
12	Aug-11	63.7	47.7	63.6
12	Sep-11	62.3	43.1	62.3
12	Oct-11	59.1	44.8	58.9
12	Nov-11	58.6	45.9	58.4
12	Dec-11	57.5	37.8	57.4
17	Jan-11	NA	NA	NA
17	Feb-11	NA	NA	NA
17	Mar-11	NA	NA	NA
17	Apr-11	70.0	64.1	68.8
17	May-11	66.7	61.2	65.3
17	Jun-11	62.4	54.5	61.6
17	Jul-11	61.5	52.1	61.0
17	Aug-11	64.9	57.9	63.9
17	Sep-11	61.7	50.3	61.4
17	Oct-11	65.8	58.3	64.9
17	Nov-11	64.6	57.2	63.7
17	Dec-11	63.3	57.8	61.8



Site Number	Month/Year	DNL	DNL-ac	DNL-c
19	Jan-11	57.7	38.7	57.6
19	Feb-11	59.4	41.7	59.3
19	Mar-11	58.2	41.0	58.1
19	Apr-11	56.5	41.0	56.4
19	May-11	NA	NA	NA
19	Jun-11	68.9	46.6	68.8
19	Jul-11	68.8	48.3	68.8
19	Aug-11	68.5	42.5	68.5
19	Sep-11	66.9	43.8	66.9
19	Oct-11	63.1	39.7	63.1
19	Nov-11	NA	NA	NA
19	Dec-11	NA	NA	NA
20	Jan-11	52.8	38.3	52.6
20	Feb-11	54.9	41.9	54.7
20	Mar-11	57.7	48.1	57.2
20	Apr-11	56.6	46.8	56.2
20	May-11	58.9	50.7	58.2
20	Jun-11	57.6	47.4	57.1
20	Jul-11	59.2	46.0	59.0
20	Aug-11	63.0	45.9	62.9
20	Sep-11	61.2	45.3	61.1
20	Oct-11	56.8	44.3	56.5
20	Nov-11	55.9	40.9	55.7
20	Dec-11	56.3	47.9	55.7
22	Jan-11	53.3	38.3	53.2
22	Feb-11	55.2	39.4	55.1
22	Mar-11	54.8	40.4	54.6
22	Apr-11	56.3	46.1	55.9
22	May-11	56.4	43.9	56.2
22	Jun-11	58.9	48.9	58.5
22	Jul-11	58.2	50.3	57.5
22	Aug-11	57.7	44.3	57.5
22	Sep-11	57.0	40.3	56.9
22	Oct-11	56.0	37.5	56.0
22	Nov-11	54.8	41.4	54.6
22	Dec-11	54.8	38.4	54.7



Complaint Summary

In 2011, the Metropolitan Washington Airports Authority recorded a total of 662 aircraft noise complaints from 181 residents. For Dulles Airport, there were 157 complaints from 64 callers. At Dulles, 65 of these 157 complaints came from 4 callers.

For National Airport, there were 505 complaints from 117 callers and 255 of these complaints came from 5 callers. The following three (3) pages provide an analysis of complaints received in 2011 by the Airports Authority Noise Office.



METROPOLITAN WASHINGTON AIRPORTS AUTHORITY

2011 Noise Complaints received at Washington Dulles International Airport

<u>City</u>	<u>State</u>	<u>Callers</u>	<u>Complaints</u>
Aldie	VA	3	3
Ashburn	VA	16	30
Broad Run	VA	1	3
Centreville	VA	5	12
Chantilly	VA	10	28
Clifton	VA	2	34
Darnstown	MD	1	1
Dulles	VA	2	2
Fairfax	VA	1	1
Gainesville	VA	2	5
Great Falls	VA	1	1
Herndon	VA	3	4
Lansdowne	VA	1	1
Leesburg	VA	1	1
Middleburg	VA	1	2
Oak Hill	VA	2	5
Oakton	VA	3	6
Poolesville	MD	1	1
Purcellville	VA	1	1
Reston	VA	4	11
South Riding	VA	1	2
Sterling	VA	1	2
Vienna	VA	1	1
Total:		64	157



2011 Noise Complaints received at Ronald Reagan Washington National Airport

<u>City</u>	<u>State</u>	<u>Callers</u>	<u>Complaints</u>
Accokeek	MD	1	1
Alexandria	VA	18	64
Arlington	VA	43	247
Bethesda	MD	6	11
Chevy Chase	MD	2	2
Fairfax Station	VA	1	1
Falls Church	VA	1	1
Forest Heights	MD	2	24
Kensington	MD	1	1
Lorton	VA	1	1
McLean	VA	14	74
Potomac	MD	1	1
Rockville	MD	1	1
Springfield	VA	2	2
Vienna	VA	2	3
Washington	DC	21	71
Total:		117	505



2011 Noise Complaint Statistics

Washington Dulles International Airport

Number of Callers	Complaints per Caller	Number of Complaints	Percent of All Callers	Percent of All Complaints
44	1	44	68.8%	28%
9	2	18	14.1%	11.5%
2	3	6	3.1%	3.8%
3	4	12	4.7%	7.6%
1	5	5	1.6%	3.2%
1	7	7	1.6%	4.5%
2	8	16	3.1%	10.2%
1	16	16	1.6%	10.2%
1	33	33	1.6%	21%

Ronald Reagan Washington National Airport

Number of Callers	Complaints per Caller	Number of Complaints	Percent of all Callers	Percent of All Complaints
76	1	76	65%	15%
11	2	22	9.4%	4.4%
12	3	36	10.3%	7.1%
4	4	16	3.4%	3.2%
2	5	10	1.7%	2%
1	6	6	0.9%	1.2%
1	9	9	0.9%	1.8%
1	10	10	0.9%	2%
1	13	13	0.9%	2.6%
1	15	15	0.9%	3%
1	16	16	0.9%	3.2%
1	21	21	0.9%	4.2%
1	23	23	0.9%	4.6%
1	29	29	0.9%	5.7%
1	37	37	0.9%	7.3%
1	51	51	0.9%	10.1%
1	115	115	0.9%	22.8%