National Park Service
U.S. Department of the Interior

Natural Resource Stewardship and Science

Reporting Information for Commercial Air Tour Operations over Units of the National Park System

2017 Annual Report

Natural Resource Report NPS/NRSS/NSNSD/NRR—2018/1694

ON THE COVER
Aerial view of Biscayne National Park. (NPS/ Christi Thibodeau)

Reporting Information for Commercial Air Tour Operations over Units of the National Park System

2017 Annual Report

Natural Resource Report NPS/NRSS/NSNSD/NRR—2018/1694

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Executive Summary

Beginning in 2013, commercial air tour operators who conduct tours over units of the national park system have been required to report their air tour activity to the Federal Aviation Administration (FAA) and the National Park Service (NPS). The purpose of this report is to provide a high-level quantitative summary of the data provided by air tour operators for flights conducted in 2017. The NPS and FAA use these data to implement requirements of the *National Parks Air Tour Management Act of 2000*, as amended, including the identification of parks where an air tour management plan or agreement is required.

Table E1 displays the number of reported tours at the 78 units of the national park system where one or more air tour operators hold interim operating authority (IOA)[1] from the FAA to conduct commercial air tours. According to reports submitted by operators, a total of 58,400 air tours were conducted in 2017[2].

The *National Parks Air Tour Management Act of 2000*, as amended, requires that park units with more than 50 annual tours establish an air tour management plan or agreement. While units with 50 or fewer tours are exempt from the requirement to establish a plan or agreement, NPS may withdraw an exemption if NPS determines that a plan or agreement is necessary to protect park resource and values, or visitor use and enjoyment.

Currently, 26 park units require a plan or agreement — 23 units with more than 50 tours and 3 units where NPS has withdrawn the exemption (Canyon de Chelly National Monument, Death Valley National Park, and Mount Rainier National Park). Of these units, NPS and FAA have completed agreements with operators at Big Cypress National Preserve, Biscayne National Park, and Glen Canyon National Recreation Area / Rainbow Bridge National Monument.

The remaining 52 park units listed in Table E1 qualify for the exemption based on 2017 data because the number of tours has not exceeded 50. The FAA and NPS will publish a list of exempt parks in a forthcoming Federal Register notice after consulting with managers at these park units to determine if a plan or agreement is necessary to protect park resources or visitor enjoyment.

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[1] Operators must hold interim operating authority (IOA) to conduct commercial air tours over units of the national park system. IOA is the annual maximum number of flights an operator may fly over a single park. The Federal Aviation Administration granted IOA to existing operators who applied for operating authority following the enactment of the National Parks Air Tour Management Act of 2000.

[2] This number does not include tours over Grand Canyon, Alaska, and those over Lake Mead determined to be "for transportation only".

Table E1. Reported Commercial Air Tours in 2017 (Highest to Lowest Reported Tours)

Unit of the National Park System	Number of Air Tours [A]	Interim Operating Authority
Hawai'i Volcanoes National Park (HAVO)	16,520 [B]	26,664
National Parks of New York Harbor Management Unit (NPNH)	11,006	35,532
Lake Mead National Recreation Area (LAKE)	8,735	36,819
Haleakalā National Park (HALE)	4,839	25,827
Glen Canyon National Recreation Area (GLCA)	4,243	8,159
Mount Rushmore National Memorial (MORU)	3,749	5,608
Golden Gate National Recreation Area (GOGA)	2,588	5,090
Rainbow Bridge National Monument (RABR)	1,316	10,160
Badlands National Park (BADL)	1,194	4,117
Muir Woods National Monument (MUWO) [C]	1,173 [C]	5,090
Great Smoky Mountains National Park (GRSM)	546 [B]	1,920
Bryce Canyon National Park (BRCA)	480	3,131
Canyonlands National Park (CANY)	420	665
Arches National Park (ARCH)	395	566
Biscayne National Park (BISC)	138	200
Point Reyes National Seashore (PORE)	124	5,090
Glacier National Park (GLAC)	109 [B]	1,653
Bandelier National Monument (BAND)	101	126
Natural Bridges National Monument (NABR)	84	145
Big Cypress National Preserve (BICY)	81	972

A. Data are subject to change pending receipt of additional reports.

B. At least one missing quarterly or annual report for this park. A zero (0) means some (not all) reports were submitted and there were no reported tours on submitted reports. At Yellowstone, IOA associated with missing reports is sufficient for the park to potentially exceed 50 tours. At Grand Teton, associated IOA is not sufficient for the park to exceed 50 tours.

C. Air tours reported for Muir Woods are not likely occurring over the park or within the half-mile boundary. NPS and FAA are working with the operator to resolve ambiguity in reporting.

D. Air tours over San Francisco Maritime are likely occurring in conjunction with Golden Gate air tours. NPS and FAA are working with the operator to resolve ambiguity in reporting.

Table E1 (continued). Reported Commercial Air Tours in 2017 (Highest to Lowest Reported Tours)

Unit of the National Park System	Number of Air Tours [A]	Interim Operating Authority
Everglades National Park (EVER)	74	674
Olympic National Park (OLYM)	68	76
Chaco Culture National Historical Park (CHCU)	49	147
Big Bend National Park (BIBE)	48	55
Aztec Ruins National Monument (AZRU)	41	83
Canyon de Chelly National Monument (CACH)	38	175
Mesa Verde National Park (MEVE)	38	63
Acadia National Park (ACAD)	33	60
Hovenweep National Monument (HOVE)	24	92
Navajo National Monument (NAVA)	23	267
Petroglyph National Monument (PETR)	20	45
El Malpais National Monument (ELMA)	19	43
Zion National Park (ZION)	16	684
El Morro National Monument (ELMO)	9	43
Pecos National Historical Park (PECO)	8	32
Fort Union National Monument (FOUN)	8	32
Capulin Volcano National Monument (CAVO)	6	13
Petrified Forest National Park (PEFO)	6	60
Hubbell Trading Post National Historic Site (HUTR)	6	27
Black Canyon Of The Gunnison National Park (BLCA)	5	7

A. Data are subject to change pending receipt of additional reports.

B. At least one missing quarterly or annual report for this park. A zero (0) means some (not all) reports were submitted and there were no reported tours on submitted reports. At Yellowstone, IOA associated with missing reports is sufficient for the park to potentially exceed 50 tours. At Grand Teton, associated IOA is not sufficient for the park to exceed 50 tours.

C. Air tours reported for Muir Woods are not likely occurring over the park or within the half-mile boundary. NPS and FAA are working with the operator to resolve ambiguity in reporting.

D. Air tours over San Francisco Maritime are likely occurring in conjunction with Golden Gate air tours. NPS and FAA are working with the operator to resolve ambiguity in reporting.

Table E1 (continued). Reported Commercial Air Tours in 2017 (Highest to Lowest Reported Tours)

Unit of the National Park System	Number of Air Tours [A]	Interim Operating Authority
Yosemite National Park (YOSE)	4	115
Sunset Crater Volcano National Monument (SUCR)	4	94
Colorado National Monument (COLM)	4	57
Yellowstone National Park (YELL)	3 [B]	103
Wupatki National Monument (WUPA)	3	60
Capitol Reef National Park (CARE)	2	284
Carlsbad Caverns National Park (CAVE)	0	18
Casa Grande Ruins National Monument (CAGR)	0	6
Cedar Breaks National Monument (CEBR)	0	66
Coronado National Memorial (CORO)	0	5
Death Valley National Park (DEVA)	0	37
Devils Tower National Monument (DETO)	0	22
Dinosaur National Monument (DINO)	0	9
Dry Tortugas National Park (DRTO)	0	100
Fort Bowie National Historic Site (FOBO)	0	5
Fort Davis National Historic Site (FODA)	0	5
Gila Cliff Dwellings National Monument (GICL)	0	26
Golden Spike National Historic Site (GOSP)	0	11
Grand Teton National Park (GRTE)	0 [B]	29
Great Sand Dunes National Park and Preserve (GRSA)	0	16

A. Data are subject to change pending receipt of additional reports.

B. At least one missing quarterly or annual report for this park. A zero (0) means some (not all) reports were submitted and there were no reported tours on submitted reports. At Yellowstone, IOA associated with missing reports is sufficient for the park to potentially exceed 50 tours. At Grand Teton, associated IOA is not sufficient for the park to exceed 50 tours.

C. Air tours reported for Muir Woods are not likely occurring over the park or within the half-mile boundary. NPS and FAA are working with the operator to resolve ambiguity in reporting.

D. Air tours over San Francisco Maritime are likely occurring in conjunction with Golden Gate air tours. NPS and FAA are working with the operator to resolve ambiguity in reporting.

Table E1 (continued). Reported Commercial Air Tours in 2017 (Highest to Lowest Reported Tours)

Unit of the National Park System	Number of Air Tours [A]	Interim Operating Authority
Guadalupe Mountains National Park (GUMO)	0	18
Hohokam Pima National Monument (PIMA)	0	5
Mojave National Preserve (MOJA)	0	15
Montezuma Castle National Monument (MOCA)	0	180
Mount Rainier National Park (MORA)	0	34
North Cascades National Park (NOCA)	0	2
Organ Pipe Cactus National Monument (ORPI)	0	5
Pipe Spring National Monument (PISP)	0	26
Rio Grande Wild and Scenic River (RIGR)	0	5
Saguaro National Park (SAGU)	0	18
Salinas Pueblo Missions National Monument (SAPU)	0	17
Sequoia and Kings Canyon National Parks (SEKI)	0	10
Timpanogos Cave National Monument (TICA)	0	254
Tumacacori National Historical Park (TUMA)	0	5
Tuzigoot National Monument (TUZI)	0	57
Walnut Canyon National Monument (WACA)	0	48
Yucca House National Monument (YUHO)	0	63
San Francisco Maritime National Historical Park (SAFR)	— [D]	5,090
Total	**58,400**	**187,132**

A. Data are subject to change pending receipt of additional reports.

B. At least one missing quarterly or annual report for this park. A zero (0) means some (not all) reports were submitted and there were no reported tours on submitted reports. At Yellowstone, IOA associated with missing reports is sufficient for the park to potentially exceed 50 tours. At Grand Teton, associated IOA is not sufficient for the park to exceed 50 tours.

C. Air tours reported for Muir Woods are not likely occurring over the park or within the half-mile boundary. NPS and FAA are working with the operator to resolve ambiguity in reporting.

D. Air tours over San Francisco Maritime are likely occurring in conjunction with Golden Gate air tours. NPS and FAA are working with the operator to resolve ambiguity in reporting.

Of the 78 park units where operators hold IOA, operators reported conducting tours over 46 units. Most of the air tour activity, however, occurred at ten park units. As shown in Table E2, these park units accounted for 55,363 tours (nearly 95% of all tours nationwide). The remaining park units had a combined total of 3,037 tours.

Table E2. Reported Commercial Air Tours at High-Activity Units of the National Park System, 2017

Unit of the National Park System	Number of Air Tours	Percent of All Air Tours	Number of Operators [A]
Hawai'i Volcanoes National Park (HAVO)	16,520 [B]	28.3%	6
National Parks of New York Harbor Management Unit (NPNH)	11,006	18.8%	2
Lake Mead National Recreation Area (LAKE)	8,735	15.0%	4
Haleakalā National Park (HALE)	4,839	8.3%	5
Glen Canyon National Recreation Area (GLCA)	4,243	7.3%	5
Mount Rushmore National Memorial (MORU)	3,749	6.4%	3
Golden Gate National Recreation Area (GOGA)	2,588	4.4%	2
Rainbow Bridge National Monument (RABR)	1,316	2.3%	4
Badlands National Park (BADL)	1,194	2.0%	2
Muir Woods National Monument (MUWO)	1,173 [C]	2.0%	1
All Others	3,037	5.2%	–
Total	58,400	100%	n/a

A. This is the number of operators who reported at least one air tour.

B. At least one missing report for this park.

C. Air tours reported for Muir Woods are not likely occurring over the park or within the half-mile boundary. NPS and FAA are working with the operator to resolve ambiguity in reporting.

1. Introduction

The Federal Aviation Administration (FAA) *Modernization and Reform Act of 2012* amended the *National Parks Air Tour Management Act of 2000* to include a provision that requires commercial air tour operators conducting air tours over units of the national park system to report their activity to the FAA and the National Park Service (NPS).

The FAA and NPS developed reporting requirements, including the data that would be required to be submitted as well as the frequency of reports and the mechanism by which operators would report. These new reporting requirements went into effect beginning in calendar year 2013.

The purpose of this 2017 Annual Report is to provide a high-level, quantitative summary of the reporting data that the agencies received from calendar year 2017 reports submitted by commercial air tour operators. With the submission of the 2017 reports, the FAA and NPS continue to compile data about the extent of commercial air tour operations over units of the national park system. The agencies use this information to implement requirements of the *National Parks Air Tour Management Act*, including the identification of parks where an air tour management plan or agreement is required.

2. Background

The National Parks Air Tour Management Act of 2000

The *Wendell H. Ford Aviation Investment and Reform Act for the 21st Century* (AIR-21) was signed into public law (P.L. 106-181, codified at 49 U.S.C. 40128) on April 5, 2000. Title VIII of this law, called the *National Parks Air Tour Management Act of 2000* (the Act) regulates commercial air tour operations over units of the national park system. The Act requires the FAA and NPS to develop air tour management plans for units of the national park system where an operator has applied for authority to conduct commercial air tours. The objective stated in the Act for plans is to develop acceptable and effective measures to mitigate or prevent significant adverse impacts, if any, of commercial air tour operations upon the natural and cultural resources, visitor experiences, and tribal lands.

Interim Operating Authority

Section 49 U.S.C §40128(c) of the codified Act has a grandfathering provision that applies to existing operators (those operators who had operated over a national park system unit prior to enactment of the Act). FAA granted interim operating authority (IOA) to existing operators who applied for operating authority. The intent was to allow the operators to continue to conduct operations until such time as an air tour management plan was developed for the park system unit. Essentially IOA was an annual limit on the number of flights an operator could conduct over a national park system unit. The provision allowed FAA to provide an operator with an annual authorization for the greater of:

1) the number of flights used by the operator to provide the commercial air tour operations over a national park system unit within the 12-month period prior to the date of the enactment of this section; or
2) the average number of flights per 12-month period used by the operator to provide such operations within the 36-month period prior to such date of enactment, and, for seasonal operations, the number of flights so used during the season or seasons covered by that 12-month period.

The Act also required that the IOA granted under the Act be published in the Federal Register for notice and the opportunity for comment. On June 23, 2005 (70 FR 36456-36463) the FAA published a *Notice of Interim Operating Authority Granted to Commercial Air Tour Operators Over National Parks and Tribal Lands Within or Abutting National Parks*. The list provided the IOA granted to each operator for each national park system unit / abutting tribal lands. On October 7, 2005 (70 FR 58778-58784) the FAA published a supplemental notice. The supplemental notice republished the IOA alphabetically by park system unit rather than operator.

The current system-wide IOA is 187,132 annual tours held by all operators, collectively. This IOA reflects the revocation of IOA from 32 air tour operators in 2016 and 2017 who had expired certificates or were no longer in business. The total number of IOA revoked was 47,234 system-wide. As a result of the revocations, there are no longer any operators with IOA at the following six park units:

- Cape Hatteras National Seashore,
- Colonial National Historical Park,
- Lake Chelan National Recreation Area,
- Lassen Volcanic National Park,
- San Juan Island National Historical Park, and
- Voyageurs National Park.

Reporting Requirements

The *FAA Modernization and Reform Act of 2012* amended various provisions of the Act. Amendments codified in 49 U.S.C §40128(d) require that each commercial air tour operator submit a report to both the FAA and NPS on the number of commercial air tour operations over each park system unit where they operate at and "such other information" as the agencies request. This section also indicates that the reports shall be submitted "with a frequency and in a format" prescribed by the agencies. The full text of the codified Act, including paragraph 49 USC 40128(d) on reporting requirements, is available at http://uscode.house.gov/browse.xhtml.

The Office of Management and Budget (OMB) control number for this data collection effort is 2120-0750. In December 2012, OMB approved these data collection activities for a 3-year period expiring December 31, 2015. In 2015, OMB approved an FAA request to extend the data collection through

December 31, 2018. FAA is currently in the process of seeking OMB approval for another 3-year extension, through 2021, for this data collection.

In January of 2013, the FAA and NPS distributed a guidance memo to air tour operators that provided information on the new reporting requirements, the data that were being requested, and how they were to submit the data and the frequency with which they were to submit reports. The FAA and NPS also provided a reporting template in the form of an Excel spreadsheet, where operators could input their data. With the OMB data collection extension through 2018, the reporting template was revised to reduce and modify some of the required data fields. A copy of the current reporting template is provided in Appendix A of this report.

In July of 2015, FAA updated the template for operating specifications (OpSpecs) issued to commercial air tour operators who conduct tours over units of the national park system (FAA Notice, N 8900.312, 7/27/15). Specifically, OpSpec B057, National Park Air Tour Management Operations under 14 CFR 136, was amended to include the reporting requirement and instructions for reporting air tour data on a quarterly basis for all operators conducting air tours over national park system units, except for exempt park units. For exempt park units, operators are required to report only on an annual basis.

Air Tour Management Agreements

The *FAA Modernization and Reform Act of 2012* included another amendment to the Act that allows the FAA and NPS to enter into air tour management agreements with operators as an alternative to air tour management plans. Agreements must address the management issues necessary to protect park resources and visitor use without compromising aviation safety or the air traffic control system, and may contain many of the conditions that would be found in plans. Development of agreements requires public review and consultation with tribes, after which an agreement may be implemented without further administrative or environmental process.

Exempt Parks

Other amendments to the Act exempt units of the national park system with 50 or fewer air tours each year from the requirement to prepare an air tour management plan or agreement. However, the NPS may withdraw an exemption "If the Director determines that an air tour management plan or voluntary agreement is necessary to protect park resources and values or park visitor use and enjoyment" (49 USC 40128(a)(5)(B)). While operators are required to submit quarterly reports for non-exempt park units, the amendments require only an annual report for any exempt park unit.

3. Compliance with Reporting Requirements

Pursuant to FAA Notice N 8900.312, quarterly reports are due within 30 days after each calendar quarter, and annual reports are due within 30 days after the calendar year end. When the reporting deadlines have passed, NPS and FAA contact operators or local FAA offices (e.g., Flight Standards District Offices) to follow up on missing reports or any others issues with reporting. FAA has the sole authority to enforce compliance with the reporting requirements.

There are currently 49 operators authorized to conduct commercial air tours over units of the national park system. Based on this population of operators and whether the park units where they conduct tours are exempt or non-exempt, we anticipated operators to submit a total of 192 quarterly reports and 2 annual reports for 2017.

As of publication of this 2017 Annual Report, operators have submitted 172 reports, which is 90% of the anticipated number of reports. Tables 1 and 2 in the following section indicate were the data are incomplete due to missing reports. FAA continues to follow up with operators to obtain missing reports. If reports are received after publication of this 2017 Annual Report, the new information will be made publicly available.

4. Summary of Reporting Data

This section provides information on data collected from the 2017 calendar year reporting. This includes all data submitted by air tour operators through quarterly or annual (for exempt parks) reports.

Table 1 lists all units of the national park system where operators have IOA to conduct commercial tours, with park units sorted by the number of tours. Table 2 provides the same information but with park units sorted alphabetically.

Of the 78 park units listed, there were a total of 46 national park system units where at least one air tour is reported to have occurred. Overall, 58,400 air tours were reported over these units. Appendix B shows a map representing the geographic distribution of park system units for which operators reported tours.

Table 1. Reported Commercial Air Tours in 2017 [A, B] (Highest to Lowest Reported Tours)

Unit of the National Park System	Region	State	January-March	April-June	July-September	October-December	Total Air Tours	Interim Operating Authority	Number of Operators with IOA
Hawai'i Volcanoes National Park (HAVO)	Pacific West	Hawaii	5,523 [D]	3,682 [D]	3,710 [D]	3,605 [D]	16,520 [D]	26,664	10
National Parks of New York Harbor Management Unit (NPNH)	Northeast	New York, New Jersey	1,657	2,943	3,251	3,155	11,006	35,532	3
Lake Mead National Recreation Area (LAKE)	Pacific West	Arizona, Nevada	2,095	2,553	2,497	1,590	8,735	36,819	7
Haleakalā National Park (HALE)	Pacific West	Hawaii	1,135	1,132	1,443	1,129	4,839	25,827	6
Glen Canyon National Recreation Area (GLCA)	Intermountain	Arizona, Utah	196	1,395	1,665	987	4,243	8,159	9
Mount Rushmore National Memorial (MORU)	Midwest	South Dakota	1	1,130	2,615	3	3,749	5,608	3
Golden Gate National Recreation Area (GOGA)	Pacific West	California	321	679	1,030	558	2,588	5,090	2
Rainbow Bridge National Monument (RABR)	Intermountain	Utah	43	483	574	216	1,316	10,160	6
Badlands National Park (BADL)	Midwest	South Dakota	0	182	1,012	0	1,194	4,117	2
Muir Woods National Monument (MUWO)	Pacific West	California	104	325	500	244	1,173 [E]	5,090	2
Great Smoky Mountains National Park (GRSM)	Southeast	Tennessee, North Carolina	115	215	0 [D]	216	546 [D]	1,920	2
Bryce Canyon National Park (BRCA)	Intermountain	Utah	12	191	205	72	480	3,131	9
Canyonlands National Park (CANY)	Intermountain	Utah	38	129	180	73	420	665	8
Arches National Park (ARCH)	Intermountain	Utah	35	132	169	59	395	566	8
Biscayne National Park (BISC)	Southeast	Florida	28	31	41	38	138	200	2
Point Reyes National Seashore (PORE)	Pacific West	California	18	35	42	29	124	5,090	2
Glacier National Park (GLAC)	Intermountain	Montana	2 [D]	40 [D]	61 [D]	6 [D]	109 [D]	1,653	5
Bandelier National Monument (BAND)	Intermountain	New Mexico	26	15	28	32	101	126	1
Natural Bridges National Monument (NABR)	Intermountain	Utah	8	20	40	16	84	145	5

A. Data are subject to change pending receipt of additional reports.

B. Cells with a dash indicate the park is exempt from the requirement for operators to submit a quarterly report; therefore, only an annual report is required.

C. Grand total exceeds sum of quarterly totals due to exempt parks where only the annual total is required.

D. At least one missing report for this park. A zero (0) with this footnote means some (not all) reports were submitted and there were no reported tours on those reports.

E. Air tours reported for Muir Woods not likely occurring over the park or within the half-mile boundary. NPS and FAA working with operator to resolve ambiguity in reporting.

F. Air tours over San Francisco Maritime are likely occurring in conjunction with Golden Gate air tours. NPS and FAA working with operator to resolve ambiguity in reporting.

Table 1 (continued). Reported Commercial Air Tours in 2017 [A, B] (Highest to Lowest Reported Tours)

Unit of the National Park System	Region	State	January-March	April-June	July-September	October-December	Total Air Tours	Interim Operating Authority	Number of Operators with IOA
Big Cypress National Preserve (BICY)	Southeast	Florida	53	18	5	5	81	972	2
Everglades National Park (EVER)	Southeast	Florida	54	16	0	4	74	674	1
Olympic National Park (OLYM)	Pacific West	Washington	7	16	26	19	68	76	1
Chaco Culture National Historical Park (CHCU)	Intermountain	New Mexico	10	2	18	19	49	147	1
Big Bend National Park (BIBE)	Intermountain	Texas	–	–	–	–	48	55	2
Aztec Ruins National Monument (AZRU)	Intermountain	New Mexico	9	2	15	15	41	83	1
Canyon de Chelly National Monument (CACH)	Intermountain	Arizona	8	1	13	16	38	175	4
Mesa Verde National Park (MEVE)	Intermountain	Colorado	8	1	15	14	38	63	1
Acadia National Park (ACAD)	Northeast	Maine	8	7	12	6	33	60	1
Hovenweep National Monument (HOVE)	Intermountain	Utah	–	–	–	–	24	92	3
Navajo National Monument (NAVA)	Intermountain	Arizona	–	–	–	–	23	267	4
Petroglyph National Monument (PETR)	Intermountain	New Mexico	–	–	–	–	20	45	1
El Malpais National Monument (ELMA)	Intermountain	New Mexico	–	–	–	–	19	43	1
Zion National Park (ZION)	Intermountain	Utah	3	7	6	0	16	684	8
El Morro National Monument (ELMO)	Intermountain	New Mexico	–	–	–	–	9	43	1
Pecos National Historical Park (PECO)	Intermountain	New Mexico	–	–	–	–	8	32	1
Fort Union National Monument (FOUN)	Intermountain	New Mexico	–	–	–	–	8	32	1
Capulin Volcano National Monument (CAVO)	Intermountain	New Mexico	–	–	–	–	6	13	1
Petrified Forest National Park (PEFO)	Intermountain	Arizona	–	–	–	–	6	60	3
Hubbell Trading Post National Historic Site (HUTR)	Intermountain	Arizona	–	–	–	–	6	27	1
Black Canyon Of The Gunnison National Park (BLCA)	Intermountain	Colorado	–	–	–	–	5	7	1

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F. Air tours over San Francisco Maritime are likely occurring in conjunction with Golden Gate air tours. NPS and FAA working with operator to resolve ambiguity in reporting.

Table 1 (continued). Reported Commercial Air Tours in 2017 [A, B] (Highest to Lowest Reported Tours)

Unit of the National Park System	Region	State	January-March	April-June	July-September	October-December	Total Air Tours	Interim Operating Authority	Number of Operators with IOA
Yosemite National Park (YOSE)	Pacific West	California	1	3	0	0	4	115	2
Sunset Crater Volcano National Monument (SUCR)	Intermountain	Arizona	–	–	–	–	4	94	4
Colorado National Monument (COLM)	Intermountain	Colorado	–	–	–	–	4	57	1
Yellowstone National Park (YELL)	Intermountain	Idaho, Montana, Wyoming	2 [D]	0 [D]	1 [D]	0 [D]	3 [D]	103	4
Wupatki National Monument (WUPA)	Intermountain	Arizona	–	–	–	–	3	60	3
Capitol Reef National Park (CARE)	Intermountain	Utah	0	1	1	0	2	284	7
Carlsbad Caverns National Park (CAVE)	Intermountain	New Mexico	–	–	–	–	0	18	1
Casa Grande Ruins National Monument (CAGR)	Intermountain	Arizona	–	–	–	–	0	6	1
Cedar Breaks National Monument (CEBR)	Intermountain	Utah	–	–	–	–	0	66	4
Coronado National Memorial (CORO)	Intermountain	Arizona	–	–	–	–	0	5	1
Death Valley National Park (DEVA)	Pacific West	California	0	0	0	0	0	37	4
Devils Tower National Monument (DETO)	Intermountain	Wyoming	–	–	–	–	0	22	1
Dinosaur National Monument (DINO)	Intermountain	Colorado, Utah	–	–	–	–	0	9	1
Dry Tortugas National Park (DRTO)	Southeast	Florida	–	–	–	–	0	100	1
Fort Bowie National Historic Site (FOBO)	Intermountain	Arizona	–	–	–	–	0	5	1
Fort Davis National Historic Site (FODA)	Intermountain	Texas	–	–	–	–	0	5	1
Gila Cliff Dwellings National Monument (GICL)	Intermountain	New Mexico	–	–	–	–	0	26	1
Golden Spike National Historic Site (GOSP)	Intermountain	Utah	–	–	–	–	0	11	1
Grand Teton National Park (GRTE)	Intermountain	Wyoming	–	–	–	–	0 [D]	29	3

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Table 1 (continued). Reported Commercial Air Tours in 2017 [A, B] (Highest to Lowest Reported Tours)

Unit of the National Park System	Region	State	January-March	April-June	July-September	October-December	Total Air Tours	Interim Operating Authority	Number of Operators with IOA
Great Sand Dunes National Park and Preserve (GRSA)	Intermountain	Colorado	–	–	–	–	0	16	1
Guadalupe Mountains National Park (GUMO)	Intermountain	Texas	–	–	–	–	0	18	1
Hohokam Pima National Monument (PIMA)	Intermountain	Arizona	–	–	–	–	0	5	1
Mojave National Preserve (MOJA)	Pacific West	California	–	–	–	–	0	15	1
Montezuma Castle National Monument (MOCA)	Intermountain	Arizona	–	–	–	–	0	180	3
Mount Rainier National Park (MORA)	Pacific West	Washington	0	0	0	0	0	34	2
North Cascades National Park (NOCA)	Pacific West	Washington	–	–	–	–	0	2	1
Organ Pipe Cactus National Monument (ORPI)	Intermountain	Arizona	–	–	–	–	0	5	1
Pipe Spring National Monument (PISP)	Intermountain	Arizona	–	–	–	–	0	26	2
Rio Grande Wild and Scenic River (RIGR)	Intermountain	Texas	–	–	–	–	0	5	1
Saguaro National Park (SAGU)	Intermountain	Arizona	–	–	–	–	0	18	2
Salinas Pueblo Missions National Monument (SAPU)	Intermountain	New Mexico	–	–	–	–	0	17	1
Sequoia and Kings Canyon National Parks (SEKI)	Pacific West	California	–	–	–	–	0	10	1
Timpanogos Cave National Monument (TICA)	Intermountain	Utah	–	–	–	–	0	254	1
Tumacacori National Historical Park (TUMA)	Intermountain	Arizona	–	–	–	–	0	5	1
Tuzigoot National Monument (TUZI)	Intermountain	Arizona	–	–	–	–	0	57	2
Walnut Canyon National Monument (WACA)	Intermountain	Arizona	–	–	–	–	0	48	2
Yucca House National Monument (YUHO)	Intermountain	Colorado	–	–	–	–	0	63	1
San Francisco Maritime National Historical Park (SAFR)	Pacific West	California	F	F	F	F	F	5,090	2
Total [C]	**n/a**	**n/a**	**11,520**	**15,386**	**19,175**	**12,126**	**58,400 [C]**	**187,132**	**n/a**

A. Data are subject to change pending receipt of additional reports.

B. Cells with a dash indicate the park is exempt from the requirement for operators to submit a quarterly report; therefore, only an annual report is required.

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Table 2. Reported Commercial Air Tours in 2017 [A, B] (Alphabetical by Park Unit)

Unit of the National Park System	Region	State	January-March	April-June	July-September	October-December	Total Air Tours	Interim Operating Authority	Number of Operators with IOA
Acadia National Park (ACAD)	Northeast	Maine	8	7	12	6	33	60	1
Arches National Park (ARCH)	Intermountain	Utah	35	132	169	59	395	566	8
Aztec Ruins National Monument (AZRU)	Intermountain	New Mexico	9	2	15	15	41	83	1
Badlands National Park (BADL)	Midwest	South Dakota	0	182	1,012	0	1,194	4,117	2
Bandelier National Monument (BAND)	Intermountain	New Mexico	26	15	28	32	101	126	1
Big Bend National Park (BIBE)	Intermountain	Texas	–	–	–	–	48	55	2
Big Cypress National Preserve (BICY)	Southeast	Florida	53	18	5	5	81	972	2
Biscayne National Park (BISC)	Southeast	Florida	28	31	41	38	138	200	2
Black Canyon Of The Gunnison National Park (BLCA)	Intermountain	Colorado	–	–	–	–	5	7	1
Bryce Canyon National Park (BRCA)	Intermountain	Utah	12	191	205	72	480	3,131	9
Canyon de Chelly National Monument (CACH)	Intermountain	Arizona	8	1	13	16	38	175	4
Canyonlands National Park (CANY)	Intermountain	Utah	38	129	180	73	420	665	8
Capitol Reef National Park (CARE)	Intermountain	Utah	0	1	1	0	2	284	7
Capulin Volcano National Monument (CAVO)	Intermountain	New Mexico	–	–	–	–	6	13	1
Carlsbad Caverns National Park (CAVE)	Intermountain	New Mexico	–	–	–	–	0	18	1
Casa Grande Ruins National Monument (CAGR)	Intermountain	Arizona	–	–	–	–	0	6	1
Cedar Breaks National Monument (CEBR)	Intermountain	Utah	–	–	–	–	0	66	4
Chaco Culture National Historical Park (CHCU)	Intermountain	New Mexico	10	2	18	19	49	147	1

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Table 2 (continued). Reported Commercial Air Tours in 2017 [A, B] (Alphabetical by Park Unit)

Unit of the National Park System	Region	State	January-March	April-June	July-September	October-December	Total Air Tours	Interim Operating Authority	Number of Operators with IOA
Colorado National Monument (COLM)	Intermountain	Colorado	–	–	–	–	4	57	1
Coronado National Memorial (CORO)	Intermountain	Arizona	–	–	–	–	0	5	1
Death Valley National Park (DEVA)	Pacific West	California	0	0	0	0	0	37	4
Devils Tower National Monument (DETO)	Intermountain	Wyoming	–	–	–	–	0	22	1
Dinosaur National Monument (DINO)	Intermountain	Colorado, Utah	–	–	–	–	0	9	1
Dry Tortugas National Park (DRTO)	Southeast	Florida	–	–	–	–	0	100	1
El Malpais National Monument (ELMA)	Intermountain	New Mexico	–	–	–	–	19	43	1
El Morro National Monument (ELMO)	Intermountain	New Mexico	–	–	–	–	9	43	1
Everglades National Park (EVER)	Southeast	Florida	54	16	0	4	74	674	1
Fort Bowie National Historic Site (FOBO)	Intermountain	Arizona	–	–	–	–	0	5	1
Fort Davis National Historic Site (FODA)	Intermountain	Texas	–	–	–	–	0	5	1
Fort Union National Monument (FOUN)	Intermountain	New Mexico	–	–	–	–	8	32	1
Gila Cliff Dwellings National Monument (GICL)	Intermountain	New Mexico	–	–	–	–	0	26	1
Glacier National Park (GLAC)	Intermountain	Montana	2 [D]	40 [D]	61 [D]	6 [D]	109 [D]	1,653	5
Glen Canyon National Recreation Area (GLCA)	Intermountain	Arizona, Utah	196	1,395	1,665	987	4,243	8,159	9
Golden Gate National Recreation Area (GOGA)	Pacific West	California	321	679	1,030	558	2,588	5,090	2
Golden Spike National Historic Site (GOSP)	Intermountain	Utah	–	–	–	–	0	11	1

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Table 2 (continued). Reported Commercial Air Tours in 2017 [A, B] (Alphabetical by Park Unit)

Unit of the National Park System	Region	State	January-March	April-June	July-September	October-December	Total Air Tours	Interim Operating Authority	Number of Operators with IOA
Grand Teton National Park (GRTE)	Intermountain	Wyoming	–	–	–	–	0 [D]	29	3
Great Sand Dunes National Park and Preserve (GRSA)	Intermountain	Colorado	–	–	–	–	0	16	1
Great Smoky Mountains National Park (GRSM)	Southeast	Tennessee, North Carolina	115	215	0 [D]	216	546 [D]	1,920	2
Guadalupe Mountains National Park (GUMO)	Intermountain	Texas	–	–	–	–	0	18	1
Haleakalā National Park (HALE)	Pacific West	Hawaii	1,135	1,132	1,443	1,129	4,839	25,827	6
Hawai'i Volcanoes National Park (HAVO)	Pacific West	Hawaii	5,523 [D]	3,682 [D]	3,710 [D]	3,605 [D]	16,520 [D]	26,664	10
Hohokam Pima National Monument (PIMA)	Intermountain	Arizona	–	–	–	–	0	5	1
Hovenweep National Monument (HOVE)	Intermountain	Utah	–	–	–	–	24	92	3
Hubbell Trading Post National Historic Site (HUTR)	Intermountain	Arizona	–	–	–	–	6	27	1
Lake Mead National Recreation Area (LAKE)	Pacific West	Arizona, Nevada	2,095	2,553	2,497	1,590	8,735	36,819	7
Mesa Verde National Park (MEVE)	Intermountain	Colorado	8	1	15	14	38	63	1
Mojave National Preserve (MOJA)	Pacific West	California	–	–	–	–	0	15	1
Montezuma Castle National Monument (MOCA)	Intermountain	Arizona	–	–	–	–	0	180	3
Mount Rainier National Park (MORA)	Pacific West	Washington	0	0	0	0	0	34	2
Mount Rushmore National Memorial (MORU)	Midwest	South Dakota	1	1,130	2,615	3	3,749	5,608	3
Muir Woods National Monument (MUWO)	Pacific West	California	104	325	500	244	1,173 [E]	5,090	2

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Table 2 (continued). Reported Commercial Air Tours in 2017 [A, B] (Alphabetical by Park Unit)

Unit of the National Park System	Region	State	January-March	April-June	July-September	October-December	Total Air Tours	Interim Operating Authority	Number of Operators with IOA
National Parks of New York Harbor Management Unit (NPNH)	Northeast	New York, New Jersey	1,657	2,943	3,251	3,155	11,006	35,532	3
Natural Bridges National Monument (NABR)	Intermountain	Utah	8	20	40	16	84	145	5
Navajo National Monument (NAVA)	Intermountain	Arizona	–	–	–	–	23	267	4
North Cascades National Park (NOCA)	Pacific West	Washington	–	–	–	–	0	2	1
Olympic National Park (OLYM)	Pacific West	Washington	7	16	26	19	68	76	1
Organ Pipe Cactus National Monument (ORPI)	Intermountain	Arizona	–	–	–	–	0	5	1
Pecos National Historical Park (PECO)	Intermountain	New Mexico	–	–	–	–	8	32	1
Petrified Forest National Park (PEFO)	Intermountain	Arizona	–	–	–	–	6	60	3
Petroglyph National Monument (PETR)	Intermountain	New Mexico	–	–	–	–	20	45	1
Pipe Spring National Monument (PISP)	Intermountain	Arizona	–	–	–	–	0	26	2
Point Reyes National Seashore (PORE)	Pacific West	California	18	35	42	29	124	5,090	2
Rainbow Bridge National Monument (RABR)	Intermountain	Utah	43	483	574	216	1,316	10,160	6
Rio Grande Wild and Scenic River (RIGR)	Intermountain	Texas	–	–	–	–	0	5	1
Saguaro National Park (SAGU)	Intermountain	Arizona	–	–	–	–	0	18	2
Salinas Pueblo Missions National Monument (SAPU)	Intermountain	New Mexico	–	–	–	–	0	17	1
San Francisco Maritime National Historical Park (SAFR)	Pacific West	California	F	F	F	F	F	5,090	2
Sequoia and Kings Canyon National Parks (SEKI)	Pacific West	California	–	–	–	–	0	10	1

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Table 2 (continued). Reported Commercial Air Tours in 2017 [A, B] (Alphabetical by Park Unit)

Unit of the National Park System	Region	State	January-March	April-June	July-September	October-December	Total Air Tours	Interim Operating Authority	Number of Operators with IOA
Sunset Crater Volcano National Monument (SUCR)	Intermountain	Arizona	–	–	–	–	4	94	4
Timpanogos Cave National Monument (TICA)	Intermountain	Utah	–	–	–	–	0	254	1
Tumacacori National Historical Park (TUMA)	Intermountain	Arizona	–	–	–	–	0	5	1
Tuzigoot National Monument (TUZI)	Intermountain	Arizona	–	–	–	–	0	57	2
Walnut Canyon National Monument (WACA)	Intermountain	Arizona	–	–	–	–	0	48	2
Wupatki National Monument (WUPA)	Intermountain	Arizona	–	–	–	–	3	60	3
Yellowstone National Park (YELL)	Intermountain	Idaho, Montana, Wyoming	2 [D]	0 [D]	1 [D]	0 [D]	3 [D]	103	4
Yosemite National Park (YOSE)	Pacific West	California	1	3	0	0	4	115	2
Yucca House National Monument (YUHO)	Intermountain	Colorado					0	63	1
Zion National Park (ZION)	Intermountain	Utah	3	7	6	0	16	684	8
Total [C]	**n/a**	**n/a**	**11,520**	**15,386**	**19,175**	**12,126**	**58,400 [C]**	**187,132**	**n/a**

A. Data are subject to change pending receipt of additional reports.

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High-Activity Park Units

Table 3 and Figure 1 display the air tours for high-activity park units in 2017. The bulk of air tour operations were concentrated at ten park units where nearly 95% of the air tour operations reported nationwide occurred. All ten of these park units had over 1,000 reported annual operations, with Hawai′i Volcanoes National Park exceeding 16,500 operations. The remaining 36 park units where tours were reported combined for 3,037 annual operations.

Table 3. Reported Commercial Air Tours at High-Activity Units of the National Park System, 2017

Unit of the National Park System	January-March	April-June	July-September	October-December	Total Air Tours	Percent of All Air Tours	Number of Operators [A]
Hawai'i Volcanoes National Park (HAVO)	5,523 [B]	3,682 [B]	3,710 [B]	3,605 [B]	16,520 [B]	28.3%	6
National Parks of New York Harbor Management Unit (NPNH)	1,657	2,943	3,251	3,155	11,006	18.8%	2
Lake Mead National Recreation Area (LAKE)	2,095	2,553	2,497	1,590	8,735	15.0%	4
Haleakalā National Park (HALE)	1,135	1,132	1,443	1,129	4,839	8.3%	5
Glen Canyon National Recreation Area (GLCA)	196	1,395	1,665	987	4,243	7.3%	5
Mount Rushmore National Memorial (MORU)	1	1,130	2,615	3	3,749	6.4%	3
Golden Gate National Recreation Area (GOGA)	321	679	1,030	558	2,588	4.4%	2
Rainbow Bridge National Monument (RABR)	43	483	574	216	1,316	2.3%	4
Badlands National Park (BADL)	0	182	1,012	0	1,194	2.0%	2
Muir Woods National Monument (MUWO)	104	325	500	244	1,173 [B]	2.0%	1
All Others	445	882	878	639	3,037	5.2%	–
Total [D]	**11,520**	**15,386**	**19,175**	**12,126**	**58,400 [D]**	**100%**	**n/a**

A. This is the number of operators who reported at least one air tour.

B. At least one missing report for this park.

C. Air tours reported for Muir Woods are not likely occurring over the park or within the half-mile boundary. NPS and FAA are working with the operator to resolve ambiguity in reporting.

D. Grand total exceeds sum of quarterly totals due to exempt parks where only the annual total is required

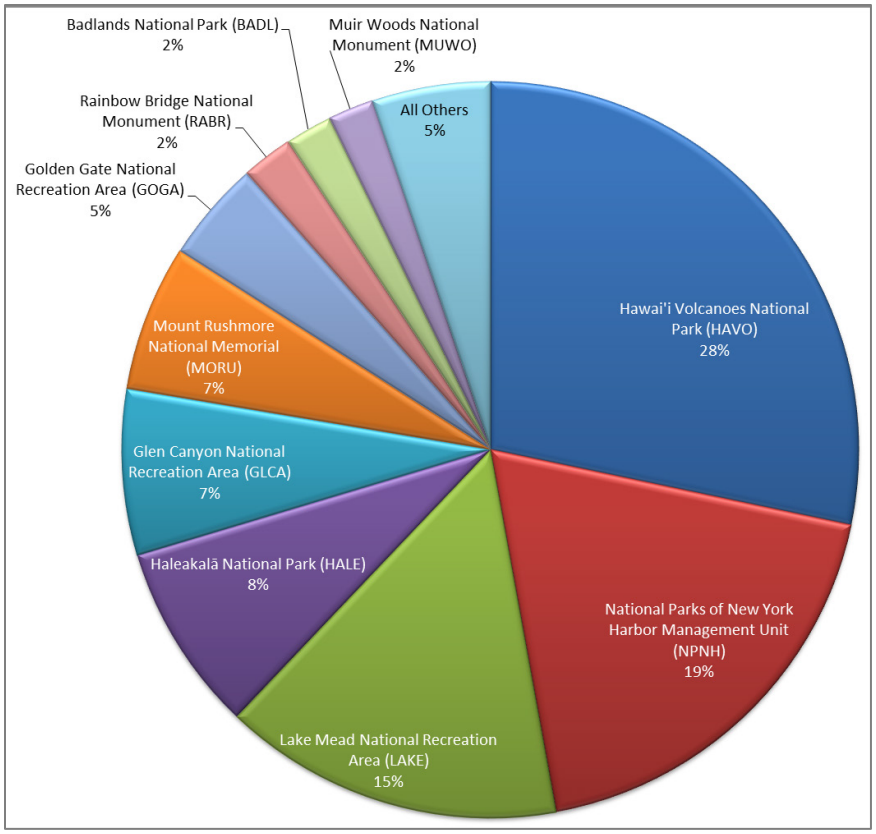


Figure 1. Reported Commercial Air Tours at High-Activity Units of the National Park System, 2017

Table 4 and Figure 2 display annual data for these same high-activity parks, from 2013-2017. The declining trend in tours at the National Parks of New York Harbor is due to an agreement between New York City and air tour operators that bans air tours on Sundays and which mandated a phased reduction of air tours to 50% of 2015 levels by 2017.

Table 4. Reported Commercial Air Tours at High-Activity Units of the National Park System, 2013-2017

National Park System Unit	2013	2014	2015	2016	2017
Hawaii Volcanoes National Park (HAVO)	15,410	14,427	14,645	15,489	16,520 [A]
National Parks of New York Harbor Management Unit (NPNH)	34,682	39,797	26,812	18,638	11,006
Lake Mead National Recreation Area (LAKE)	13,218	12,160	10,548	7,530	8,735
Haleakala National Park (HALE)	4,631	4,932	4,543	4,589	4,839
Glen Canyon National Recreation Area (GLCA)	4,437	4,861	4,167	3,820	4,243
Mount Rushmore National Memorial (MORU)	9	3,648	4,363	4,011	3,749
Golden Gate National Recreation Area (GOGA)	1,920	2,003	2,272	2,250	2,588
Rainbow Bridge National Monument (RABR)	2,135	2,399	2,415	2,065	1,316
Badlands National Park (BADL)	962	1,317	1,205	1,330	1,194
Muir Woods National Monument (MUWO)	514	595	754	1,001	1,173 [B]

A. At least one missing report for this park.

B. Air tours reported for Muir Woods are not likely occurring over the park or within the half-mile boundary. NPS and FAA are working with the operator to resolve ambiguity in reporting.

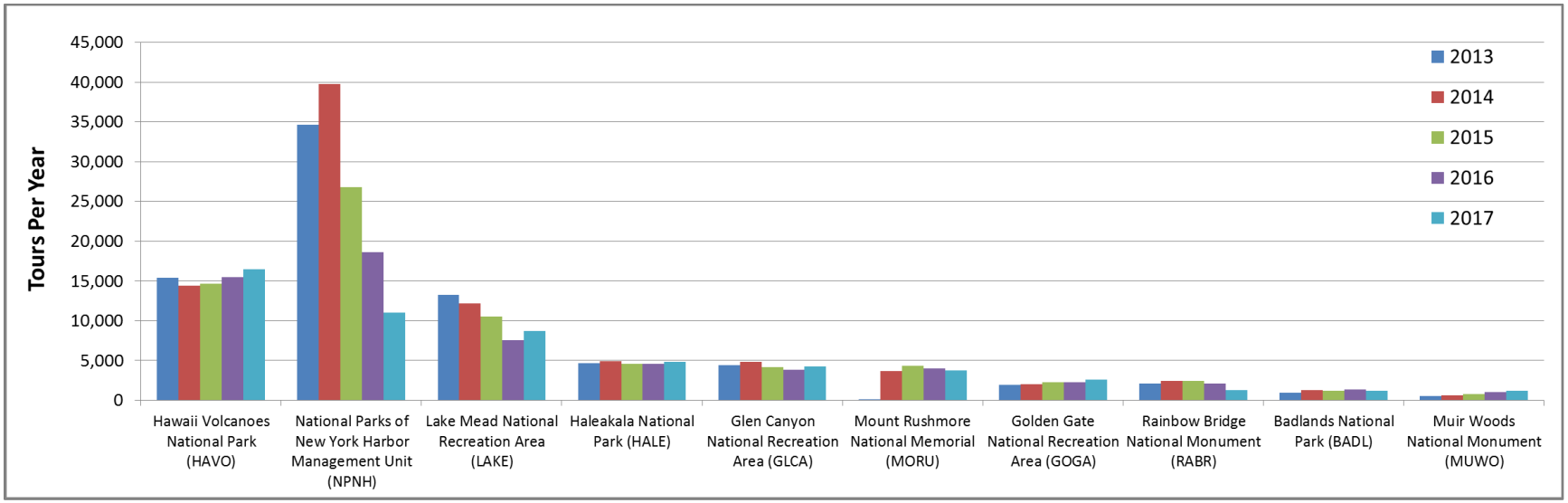


Figure 2. Reported Commercial Air Tours at High-Activity Units of the National Park System, 2013-2017

Air Tours by Region

Table 5 and Figure 3 display the amount of air tour activity by NPS region, the percentage of total, and the number of park units in each region with at least one reported air tour. While the Pacific West Region and Northeast Region contain the greatest number of air tours, these operations were concentrated over fewer park units. In contrast, there is less activity in the Intermountain Region, but there are significantly more park units where tours occur. Appendix C provides a map of NPS regions.

Table 5. Reported Commercial Air Tours by NPS Region, 2017

Region	Number of Air Tours	Percent of All Air Tours	Number of Park Units with At Least One Tour
Pacific West Region (PWR)	34,051	58%	8
Northeast Region (NER)	11,039	19%	2
Intermountain Region (IMR)	7,528	13%	30
Midwest Region (MWR)	4,943	8%	2
Southeast Region (SER)	839	1%	4
Total	58,400	100%	46

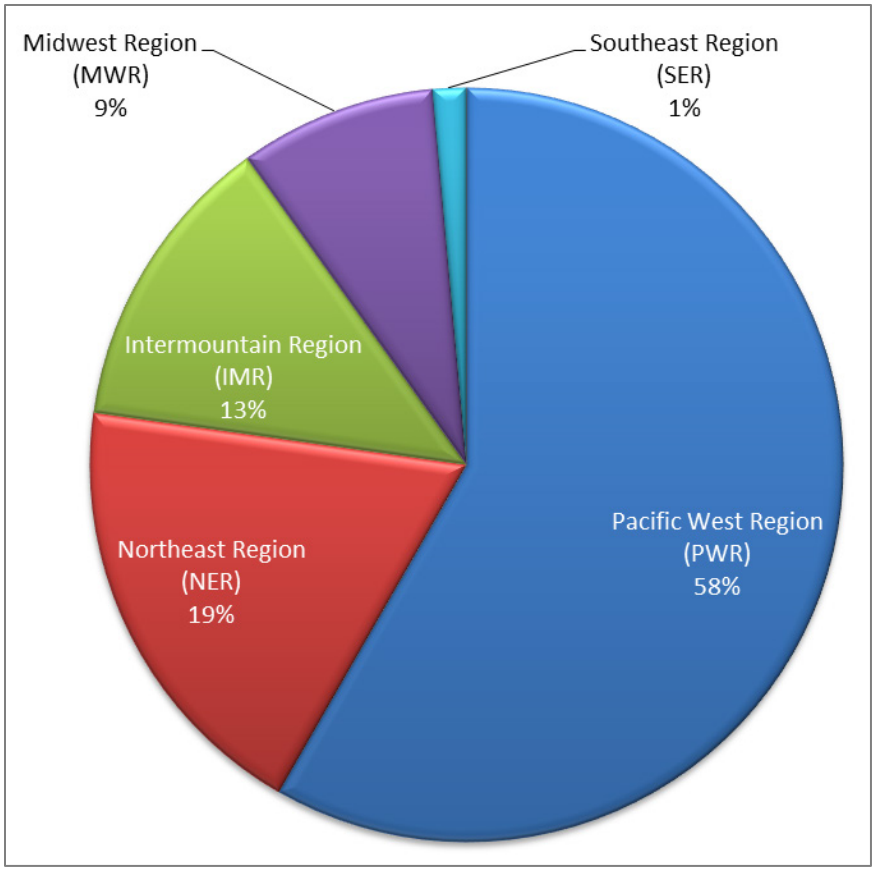


Figure 3. Reported Commercial Air Tours by NPS Region, 2017

Annual and Quarterly Trends

Table 6 and Figure 4 display air tour activity by quarter for 2013-2017. Most park units experienced seasonal fluctuations in operations associated with weather and customer demand. Figure 5 displays the total annual tours for 2013-2017. As mentioned, the declining trend in tours over the past few years is primarily due to a reduction in activity at the National Parks of New York Harbor, where an agreement between New York City and air tour operators bans air tours on Sundays and mandated a phased reduction of air tours to 50% of 2015 levels by 2017.

Table 6. Reported Commercial Air Tours, 2013-2017

Year	January-March	April-June	July-September	October-December	Total [A]
2013	14,755	22,748	24,200	18,718	80,558
2014	13,548	25,402	30,176	20,450	89,752
2015	13,664	23,441	23,077	14,913	75,300
2016	12,815	15,676	21,715	13,913	64,235
2017	11,520	15,386	19,175	12,126	58,400

A. Annual totals exceed sum of quarterly totals due to exempt parks where only the annual total is required.

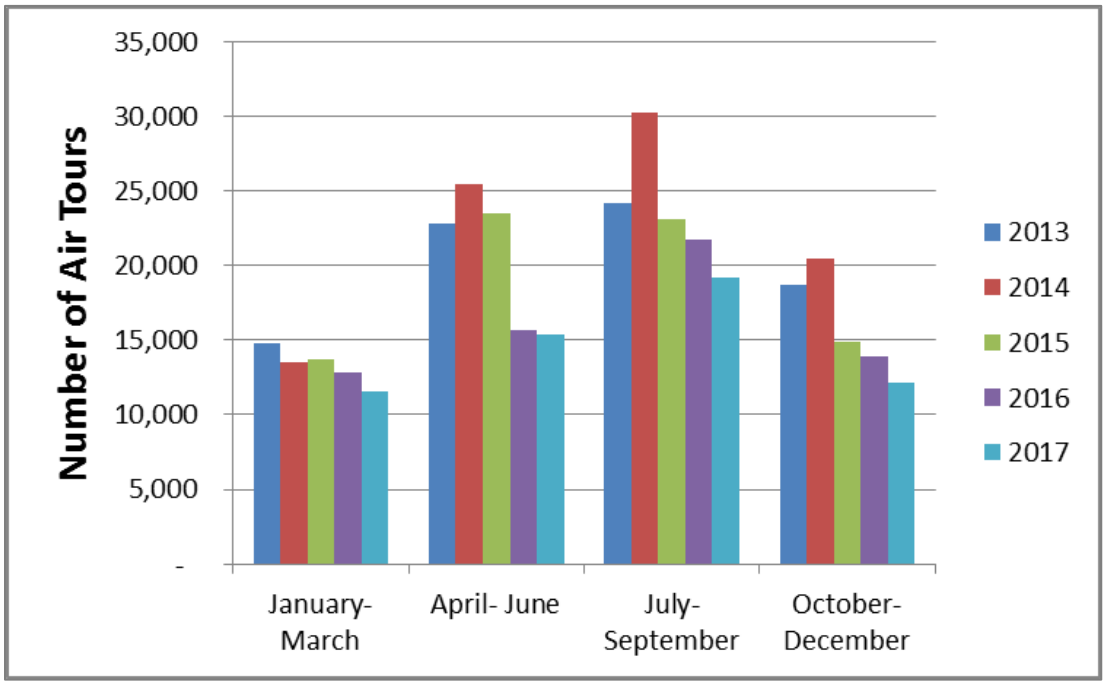


Figure 4. Reported Commercial Air Tours 2013-2017 by Quarter

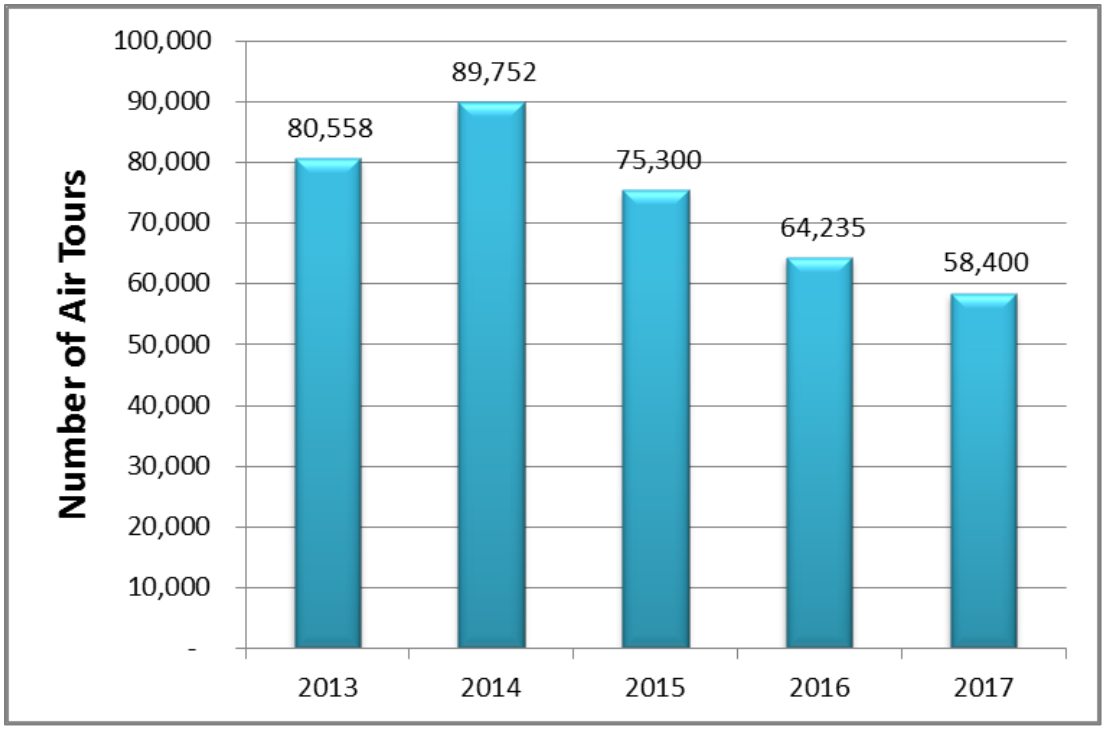


Figure 5. Reported Commercial Air Tours 2013-2017 by Year

5. Parks that Require an Air Tour Management Plan or Agreement

The Act requires that park units with more than 50 annual tours enter into an air tour management plan or agreement to protect park resources and values, or visitor use and enjoyment. While the Act exempted park units with 50 or fewer tours from the requirement to establish a plan or agreement, Congress anticipated that there might be instances where even 50 or fewer annual air tours could affect park resources or the visitor experience. Therefore, if the NPS determines that a plan or agreement is necessary to protect park resources or the visitor experience, NPS can withdraw an exemption.

Table 7 lists the 26 park units that currently require a plan or agreement — 23 units with more than 50 tours and 3 units where NPS has withdrawn the exemption (Canyon de Chelly National Monument, Death Valley National Park, and Mount Rainier National Park). Of these units, NPS and FAA have completed agreements with operators at Big Cypress National Preserve, Biscayne National Park, and Glen Canyon National Recreation Area / Rainbow Bridge National Monument.

Table 8 lists the 52 park units that qualify for the exemption based on 2017 data because the number of tours has not exceeded 50. Where reports are missing, table footnotes indicate if there is sufficient IOA associated with missing reports for the park to potentially exceed 50 tours. The FAA and NPS will publish a list of exempt parks in a forthcoming Federal Register notice after consulting with managers at these park units to determine if a plan or agreement is necessary to protect park resources or visitor enjoyment.

Table 7. Park Units that Require an Air Tour Management Plan or Agreement

Unit of the National Park System	Region	State	Total Air Tours
Hawai'i Volcanoes National Park (HAVO)	Pacific West	Hawaii	16,520 [A]
National Parks of New York Harbor Management Unit (NPNH)	Northeast	New York, New Jersey	11,006
Lake Mead National Recreation Area (LAKE)	Pacific West	Arizona, Nevada	8,735
Haleakalā National Park (HALE)	Pacific West	Hawaii	4,839
Glen Canyon National Recreation Area (GLCA)	Intermountain	Arizona, Utah	4,243
Mount Rushmore National Memorial (MORU)	Midwest	South Dakota	3,749
Golden Gate National Recreation Area (GOGA)	Pacific West	California	2,588
Rainbow Bridge National Monument (RABR)	Intermountain	Utah	1,316
Badlands National Park (BADL)	Midwest	South Dakota	1,194
Muir Woods National Monument (MUWO)	Pacific West	California	1,173 [B]
Great Smoky Mountains National Park (GRSM)	Southeast	Tennessee, North Carolina	546 [A]
Bryce Canyon National Park (BRCA)	Intermountain	Utah	480
Canyonlands National Park (CANY)	Intermountain	Utah	420
Arches National Park (ARCH)	Intermountain	Utah	395
Biscayne National Park (BISC)	Southeast	Florida	138
Point Reyes National Seashore (PORE)	Pacific West	California	124
Glacier National Park (GLAC)	Intermountain	Montana	109 [A]
Bandelier National Monument (BAND)	Intermountain	New Mexico	101

A. At least one missing report for this park.

B. Air tours reported for Muir Woods are not likely occurring over the park or within the half-mile boundary. NPS and FAA are working with the operator to resolve ambiguity in reporting.

C. NPS withdrew exemption for this park unit, therefore, an air tour management plan or agreement is required.

D. Air tours over San Francisco Maritime are likely occurring in conjunction with Golden Gate air tours. NPS and FAA are working with the operator to resolve ambiguity in reporting

Table 7 (continued). Park Units that Require an Air Tour Management Plan or Agreement

Unit of the National Park System	Region	State	Total Air Tours
Natural Bridges National Monument (NABR)	Intermountain	Utah	84
Big Cypress National Preserve (BICY)	Southeast	Florida	81
Everglades National Park (EVER)	Southeast	Florida	74
Olympic National Park (OLYM)	Pacific West	Washington	68
Canyon de Chelly National Monument (CACH)	Intermountain	Arizona	38 [C]
Death Valley National Park (DEVA)	Pacific West	California	0 [C]
Mount Rainier National Park (MORA)	Pacific West	Washington	0 [C]
San Francisco Maritime National Historical Park (SAFR)	Pacific West	California	— [D]

A. At least one missing report for this park.

B. Air tours reported for Muir Woods are not likely occurring over the park or within the half-mile boundary. NPS and FAA are working with the operator to resolve ambiguity in reporting.

C. NPS withdrew exemption for this park unit, therefore, an air tour management plan or agreement is required.

D. Air tours over San Francisco Maritime are likely occurring in conjunction with Golden Gate air tours. NPS and FAA are working with the operator to resolve ambiguity in reporting.

Table 8. Park Units that Qualify for the Exemption Based on 2017 Data

Unit of the National Park System	Region	State	Total Air Tours
Chaco Culture National Historical Park (CHCU)	Intermountain	New Mexico	49
Big Bend National Park (BIBE)	Intermountain	Texas	48
Aztec Ruins National Monument (AZRU)	Intermountain	New Mexico	41
Mesa Verde National Park (MEVE)	Intermountain	Colorado	38
Acadia National Park (ACAD)	Northeast	Maine	33
Hovenweep National Monument (HOVE)	Intermountain	Utah	24
Navajo National Monument (NAVA)	Intermountain	Arizona	23

A. At least one missing report for this park; associated IOA is sufficient for the park to potentially exceed 50 tours.

B. At least one missing report for this park, associated IOA is not sufficient for park to exceed 50 tours.

Table 8 (continued). Park Units that Qualify for the Exemption Based on 2017 Data

Unit of the National Park System	Region	State	Total Air Tours
Petroglyph National Monument (PETR)	Intermountain	New Mexico	20
El Malpais National Monument (ELMA)	Intermountain	New Mexico	19
Zion National Park (ZION)	Intermountain	Utah	16
El Morro National Monument (ELMO)	Intermountain	New Mexico	9
Fort Union National Monument (FOUN)	Intermountain	New Mexico	8
Pecos National Historical Park (PECO)	Intermountain	New Mexico	8
Capulin Volcano National Monument (CAVO)	Intermountain	New Mexico	6
Hubbell Trading Post National Historic Site (HUTR)	Intermountain	Arizona	6
Petrified Forest National Park (PEFO)	Intermountain	Arizona	6
Black Canyon Of The Gunnison National Park (BLCA)	Intermountain	Colorado	5
Colorado National Monument (COLM)	Intermountain	Colorado	4
Sunset Crater Volcano National Monument (SUCR)	Intermountain	Arizona	4
Yosemite National Park (YOSE)	Pacific West	California	4
Wupatki National Monument (WUPA)	Intermountain	Arizona	3
Yellowstone National Park (YELL)	Intermountain	Idaho, Montana, Wyoming	3 [A]
Capitol Reef National Park (CARE)	Intermountain	Utah	2
Carlsbad Caverns National Park (CAVE)	Intermountain	New Mexico	0
Casa Grande Ruins National Monument (CAGR)	Intermountain	Arizona	0
Cedar Breaks National Monument (CEBR)	Intermountain	Utah	0
Coronado National Memorial (CORO)	Intermountain	Arizona	0
Devils Tower National Monument (DETO)	Intermountain	Wyoming	0
Dinosaur National Monument (DINO)	Intermountain	Colorado, Utah	0
Dry Tortugas National Park (DRTO)	Southeast	Florida	0

A. At least one missing report for this park; associated IOA is sufficient for the park to potentially exceed 50 tours.

B. At least one missing report for this park, associated IOA is not sufficient for park to exceed 50 tours.

Table 8 (continued). Park Units that Qualify for the Exemption Based on 2017 Data

Unit of the National Park System	Region	State	Total Air Tours
Fort Bowie National Historic Site (FOBO)	Intermountain	Arizona	0
Fort Davis National Historic Site (FODA)	Intermountain	Texas	0
Gila Cliff Dwellings National Monument (GICL)	Intermountain	New Mexico	0
Golden Spike National Historic Site (GOSP)	Intermountain	Utah	0
Grand Teton National Park (GRTE)	Intermountain	Wyoming	0 [B]
Great Sand Dunes National Park and Preserve (GRSA)	Intermountain	Colorado	0
Guadalupe Mountains National Park (GUMO)	Intermountain	Texas	0
Hohokam Pima National Monument (PIMA)	Intermountain	Arizona	0
Mojave National Preserve (MOJA)	Pacific West	California	0
Montezuma Castle National Monument (MOCA)	Intermountain	Arizona	0
North Cascades National Park (NOCA)	Pacific West	Washington	0
Organ Pipe Cactus National Monument (ORPI)	Intermountain	Arizona	0
Pipe Spring National Monument (PISP)	Intermountain	Arizona	0
Rio Grande Wild and Scenic River (RIGR)	Intermountain	Texas	0
Saguaro National Park (SAGU)	Intermountain	Arizona	0
Salinas Pueblo Missions National Monument (SAPU)	Intermountain	New Mexico	0
Sequoia and Kings Canyon National Parks (SEKI)	Pacific West	California	0
Timpanogos Cave National Monument (TICA)	Intermountain	Utah	0
Tumacacori National Historical Park (TUMA)	Intermountain	Arizona	0
Tuzigoot National Monument (TUZI)	Intermountain	Arizona	0
Walnut Canyon National Monument (WACA)	Intermountain	Arizona	0
Yucca House National Monument (YUHO)	Intermountain	Colorado	0

A. At least one missing report for this park; associated IOA is sufficient for the park to potentially exceed 50 tours.

B. At least one missing report for this park, associated IOA is not sufficient for park to exceed 50 tours. Appendix A. Air Tour Reporting Template

Appendix A. Air Tour Reporting Template

Commercial Air Tour Reporting Data

As Mandated by the FAA Modernization and Reform Act of 2012, Title V, Section 501

Please Fill In Shaded Areas Below Where and As Appropriate

Note: Guidance is included in each cell and the first cell of each section.

Paperwork Reduction Act Burden Statement: A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a currently valid OMB Control Number. The OMB Control Number for this information collection is 2120-0750. Public reporting for this collection of information is estimated to be approximately 4-16 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing and reviewing the collection of information. All responses to this collection of information are mandatory per The FAA Modernization and Reform Act of 2012. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to the FAA at: 800 Independence Ave SW, Washington, DC 20591, Attn: Information Collection Clearance Officer, AES-200.	**OMB CONTROL NUMBER 2120-0750**	**Revised 12/15/2017**

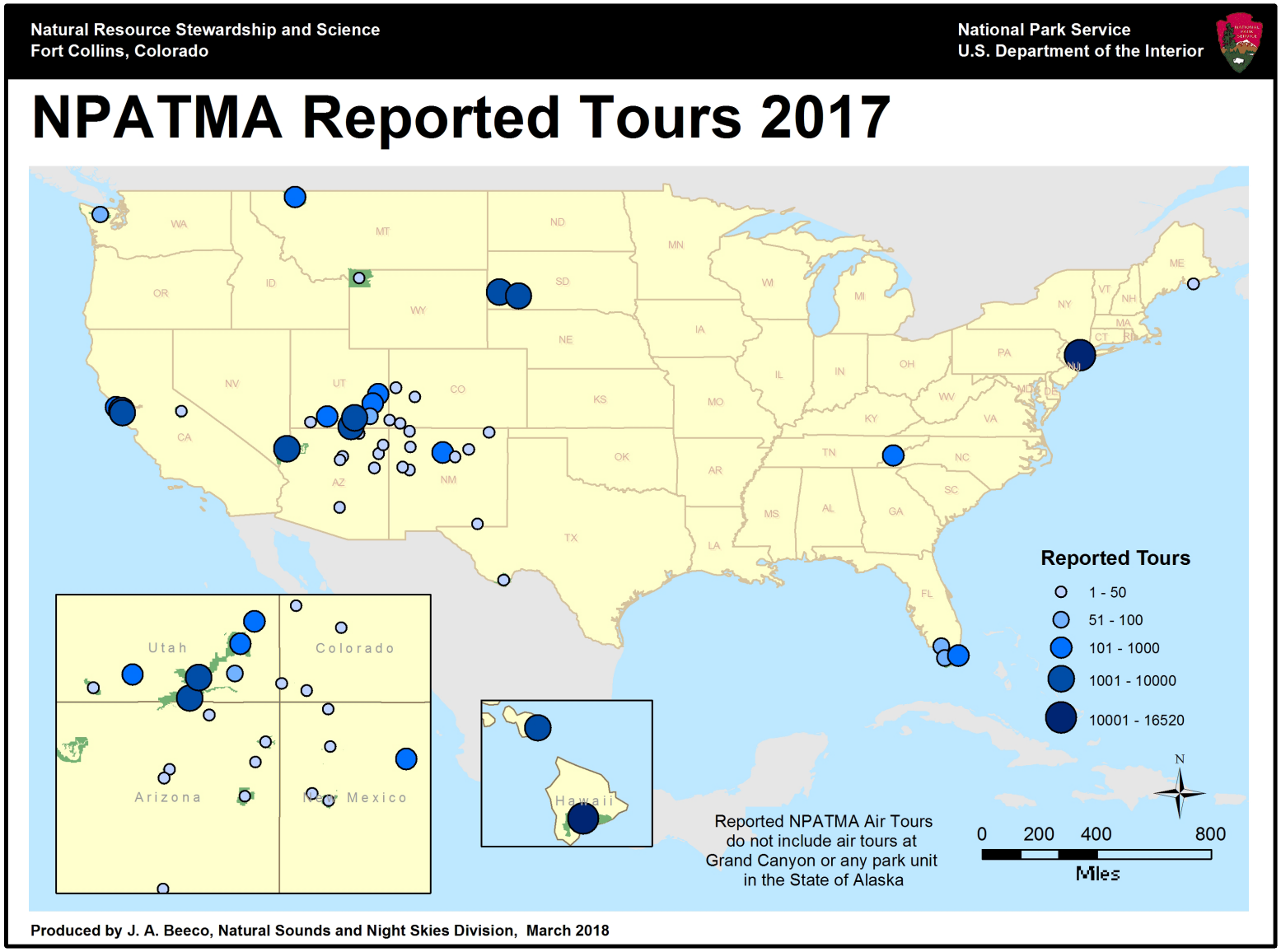
Operator/Company Name:				**FAA Information:** **Go to http://www.faa.gov/about/office_org/field_offices/fsdo/ for more information.**	
dba (doing business as):				Name of Assigned POI:	
Certificate Designator:				Name of Assigned FSDO:	
Reporting Quarter:	Click on cell; select from dropdown	**Reporting Year:**	Click on cell; select from dropdown	FSDO Phone No.:	

Notes:

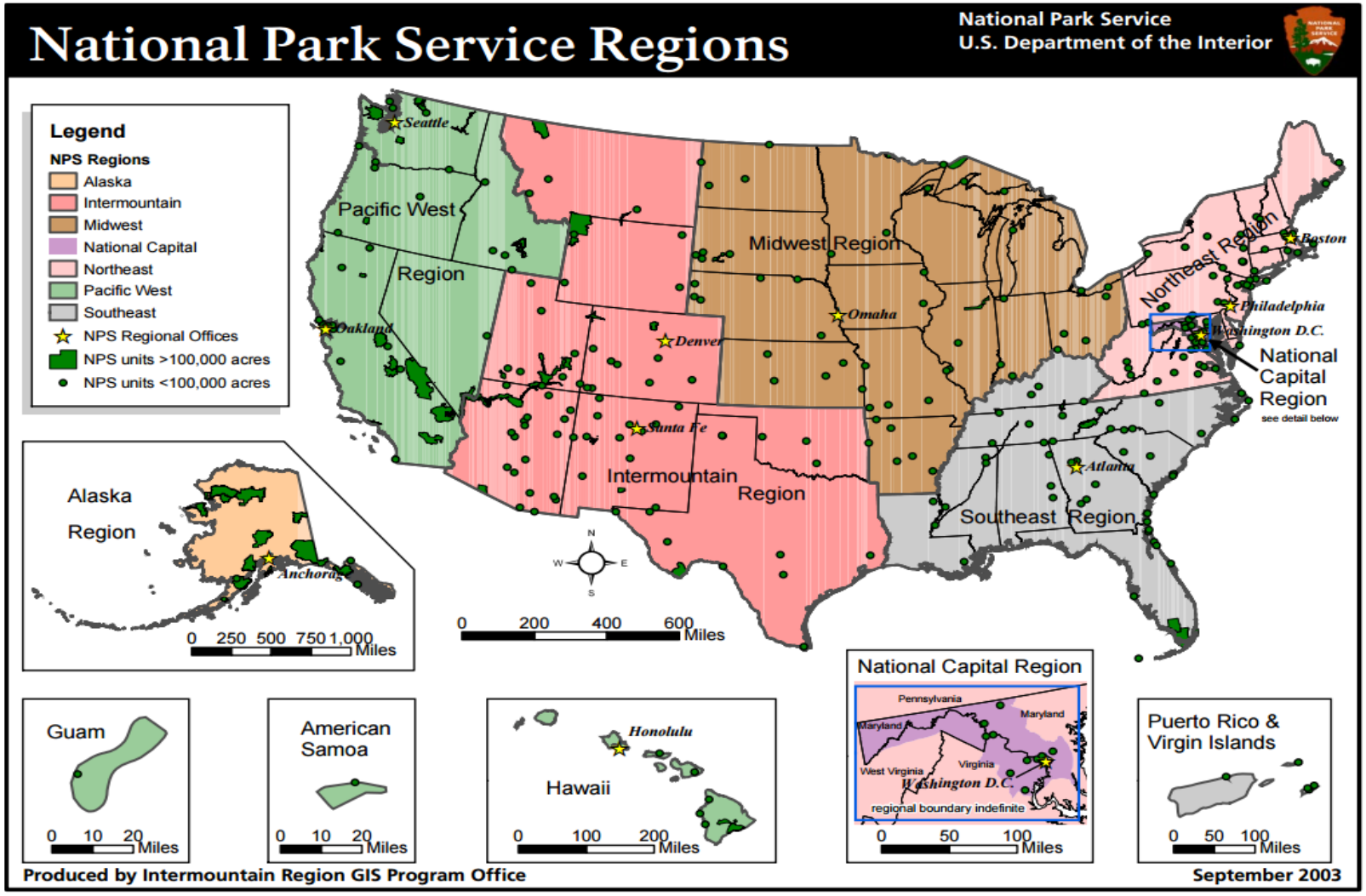
Location Information			**Route Information**	
National Park Service Unit Name(s):	**Alpha-Code(s):**	**Departure Airports/Helipads:**	**Route Code:**	**Route Name:**
Park Name (pick from list)				
Park Name (pick from list)				
Park Name (pick from list)				
Park Name (pick from list)				
Park Name (pick from list)				
Park Name (pick from list)				
Park Name (pick from list)				
Park Name (pick from list)				
Park Name (pick from list)				
Park Name (pick from list)				

Air Tour Data Submission			
Date of Tour	**Hour of Tour**	**Aircraft Make/Model**	**Park-Route Code**

Appendix B. Map of 2017 Commercial Air Tour Activity



Appendix C. Regions of the National Park Service



The Department of the Interior protects and manages the nation's natural resources and cultural heritage; provides scientific and other information about those resources; and honors its special responsibilities to American Indians, Alaska Natives, and affiliated Island Communities.

NPS 909/147651, August 2018

National Park Service
U.S. Department of the Interior

Natural Resource Stewardship and Science
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Fort Collins, CO 80525