



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

2018 Annual Report

Natural Resource Report NPS/NRSS/NSNSD/NRR—2019/1952



ON THE COVER

Air tour helicopters. (NPS/ Vicki Ward)

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The format and presentation of data in this *2018 Annual Report* follows that of the *2017 Annual Report* (NPS/NRSS/NSNSD/NRR—2018/1694), which was reviewed by subject-matter experts who were not directly involved in the collection, analysis, or reporting of the data. Peer review of the *2017 Annual Report* was conducted by highly qualified individuals with subject area expertise and was overseen by a peer review manager.

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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 2018. 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 authority to conduct tours. Operators may hold authority for conducting tours through interim operating authority (IOA)¹ or through air tour management plans or agreements. According to reports submitted by operators, a total of 47,145 air tours were conducted in 2018².

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Currently, 25 park units require a plan or agreement — 22 units with more than 50 tours and 3 units where NPS has withdrawn the exemption (Canyon de Chelly National Monument, Death Valley National Park, and Mount Rainier National Park).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 53 park units listed in Table E1 qualify for the exemption based on 2018 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.

¹ 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”. Grand Canyon had over 100,000 reported tours and related flights in 2017. More information about air tours at Grand Canyon is available at NPS Story Map (<https://www.nps.gov/subjects/sound/airtours.htm>).

Table E1. Reported Commercial Air Tours in 2018 (sorted by Total Reported Air Tours)

National Park System Unit	Total Reported Air Tours	Authorized Air Tours ^(A)
Hawai'i Volcanoes National Park (HAVO)	8,333	26,664
National Parks of New York Harbor Management Unit (NPNH)	8,141	35,532
Lake Mead National Recreation Area (LAKE)	7,401	36,819
Haleakalā National Park (HALE)	4,757	25,827
Glen Canyon National Recreation Area (GLCA)	4,715	8,159 ^(B)
Mount Rushmore National Memorial (MORU)	3,788	5,608
Golden Gate National Recreation Area (GOGA)	2,550	5,090
Badlands National Park (BADL)	1,729	4,117
Rainbow Bridge National Monument (RABR)	1,526	3,992 ^(B)
San Francisco Maritime National Historical Park (SAFR)	1,119	5,090
Great Smoky Mountains National Park (GRSM)	807	1,920
Bryce Canyon National Park (BRCA)	532	3,131
Canyonlands National Park (CANY)	314	665
Glacier National Park (GLAC)	298	1,653
Arches National Park (ARCH)	225	566
Point Reyes National Seashore (PORE)	151	5,090
Biscayne National Park (BISC)	82	200 ^(B)
Bandelier National Monument (BAND)	76	126
Big Cypress National Preserve (BICY)	65	972 ^(B)
Olympic National Park (OLYM)	64	76
Natural Bridges National Monument (NABR)	63	145
Everglades National Park (EVER)	62	674
Big Bend National Park (BIBE)	48	55
Chaco Culture National Historical Park (CHCU)	31	147
Canyon de Chelly National Monument (CACH)	30	175
Aztec Ruins National Monument (AZRU)	27	83
Mesa Verde National Park (MEVE)	27	63
Acadia National Park (ACAD)	22	60
Hovenweep National Monument (HOVE)	20	92
Navajo National Monument (NAVA)	19	267
Yosemite National Park (YOSE)	19	115
Petroglyph National Monument (PETR)	11	45
El Malpais National Monument (ELMA)	10	43
Devils Tower National Monument (DETO)	9	22

^A Total number of air tours authorized through IOA and/or agreements.

^B Park with air tour management agreements.

Table E1 (continued). Reported Commercial Air Tours in 2018 (sorted by Total Reported Air Tours)

National Park System Unit	Total Reported Air Tours	Authorized Air Tours ^(A)
Pecos National Historical Park (PECO)	9	32
Zion National Park (ZION)	9	684
Fort Union National Monument (FOUN)	8	32
Yellowstone National Park (YELL)	6	103
Black Canyon Of The Gunnison National Park (BLCA)	5	7
Capitol Reef National Park (CARE)	5	284
Capulin Volcano National Monument (CAVO)	5	13
Colorado National Monument (COLM)	5	57
Hubbell Trading Post National Historic Site (HUTR)	3	27
Petrified Forest National Park (PEFO)	3	60
Sunset Crater Volcano National Monument (SUCR)	3	94
Carlsbad Caverns National Park (CAVE)	2	18
Dinosaur National Monument (DINO)	2	9
Great Sand Dunes National Park and Preserve (GRSA)	2	16
Salinas Pueblo Missions National Monument (SAPU)	2	17
El Morro National Monument (ELMO)	1	43
Mount Rainier National Park (MORA)	1	34
Rio Grande Wild and Scenic River (RIGR)	1	5
Sequoia and Kings Canyon National Parks (SEKI)	1	10
Wupatki National Monument (WUPA)	1	60
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
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	29
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

^A Total number of air tours authorized through IOA and/or agreements.

^B Park with air tour management agreements.

Table E1 (continued). Reported Commercial Air Tours in 2018 (sorted by Total Reported Air Tours)

National Park System Unit	Total Reported Air Tours	Authorized Air Tours ^(A)
Muir Woods National Monument (MUWO)	0	5,090
North Cascades National Park (NOCA)	0	2
Organ Pipe Cactus National Monument (ORPI)	0	5
Pipe Spring National Monument (PISP)	0	26
Saguaro National Park (SAGU)	0	18
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
Total	47,145	180,964 ^(A)

^A Total number of air tours authorized through IOA and/or agreements.

^B Park with air tour management agreements.

Of the 78 park units where operators hold IOA, operators reported conducting tours over 54 units. Most of the air tour activity, however, occurred at ten park units. As shown in Table E2, these park units accounted for 44,059 tours (93.5% of all tours nationwide). The remaining park units had a combined total of 3,086 tours.

Table E2. Reported Commercial Air Tours at High-Activity Units of the National Park System, 2018

National Park System Unit	Total Reported Air Tours	Percent of All Air Tours	Number of Active Operators ^(A)
Hawai'i Volcanoes National Park (HAVO)	8,333	17.7%	7
National Parks of New York Harbor Management Unit (NPNH)	8,141	17.3%	2
Lake Mead National Recreation Area (LAKE)	7,401	15.7%	4
Haleakalā National Park (HALE)	4,757	10.1%	5
Glen Canyon National Recreation Area (GLCA)	4,715	10.0%	5
Mount Rushmore National Memorial (MORU)	3,788	8.0%	3
Golden Gate National Recreation Area (GOGA)	2,550	5.4%	2
Badlands National Park (BADL)	1,729	3.7%	1
Rainbow Bridge National Monument (RABR)	1,526	3.2%	4
San Francisco Maritime National Historical Park (SAFR)	1,119	2.4%	1
All Others	3,088	6.5%	—
Total	47,145	100%	n/a

^A Number of operators who reported at least one air tour.

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 *2018 Annual Report* is to provide a high-level, quantitative summary of the reporting data that the agencies received from calendar year 2018 reports submitted by commercial air tour operators. With the submission of the 2018 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 the maximum 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.

Since 2005, the number of operators with IOA and the total amount of IOA has changed as some operators have gone out of business, operators have purchased other companies, and four parks have developed air tour management agreements that may authorize a different number of tours than may occur under IOA. Since agreements are in place for Big Cypress National Preserve, Biscayne National Park, and Glen Canyon National Recreation Area / Rainbow Bridge National Monument, the system-wide authorized number of air tours is 180,964 tours annually.

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 extensions, the reporting template was revised to

reduce and modify some of the required data fields. A copy of the reporting template used in 2018 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 47 unique operating certificates associated with operators who are 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 expected operators to submit a total of 184 quarterly reports and 3 annual reports for 2018. Operators have submitted 187 reports, which is 100% of the expected number of reports for 2018.

4. Summary of Reporting Data

This section provides information on data collected from the 2018 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 authorization to conduct commercial tours, with park units sorted by the count of air tours, highest to lowest. Table 2 provides the same information but with park units sorted alphabetically.

Of the 78 park units listed, there were a total of 54 national park system units where at least one air tour is reported to have occurred. Overall, 47,145 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 2018 (sorted by Total Reported Air Tours) ^(A)

National Park System Unit	Region	State	January-March	April-June	July-September	October-December	Total Reported Air Tours	Authorized Air Tours ^(B)	Number of Authorized Operators
Hawai'i Volcanoes National Park (HAVO)	Pacific West	Hawaii	3,738	1,954	331	2,310	8,333	26,664	10
National Parks of New York Harbor Management Unit (NPNH)	Northeast	New York, New Jersey	1,845	2,275	2,480	1,541	8,141	35,532	3
Lake Mead National Recreation Area (LAKE)	Pacific West	Arizona, Nevada	1,732	2,015	2,145	1,509	7,401	36,819	7
Haleakalā National Park (HALE)	Pacific West	Hawaii	1,146	1,092	1,235	1,284	4,757	25,827	6
Glen Canyon National Recreation Area (GLCA)	Intermountain	Arizona, Utah	293	1,562	1,788	1,072	4,715	8,159 ^(C)	9
Mount Rushmore National Memorial (MORU)	Midwest	South Dakota	0	1,102	2,638	48	3,788	5,608	3
Golden Gate National Recreation Area (GOGA)	Pacific West	California	414	672	977	487	2,550	5,090	2
Badlands National Park (BADL)	Midwest	South Dakota	0	734	995	0	1,729	4,117	2
Rainbow Bridge National Monument (RABR)	Intermountain	Utah	109	607	638	172	1,526	3,992 ^(C)	8
San Francisco Maritime National Historical Park (SAFR)	Pacific West	California	167	292	446	214	1,119	5,090	2
Great Smoky Mountains National Park (GRSM)	Southeast	Tennessee, North Carolina	77	186	313	231	807	1,920	2
Bryce Canyon National Park (BRCA)	Intermountain	Utah	33	164	243	92	532	3,131	9
Canyonlands National Park (CANY)	Intermountain	Utah	1	100	154	59	314	665	8
Glacier National Park (GLAC)	Intermountain	Montana	5	36	215	42	298	1,653	5
Arches National Park (ARCH)	Intermountain	Utah	1	75	107	42	225	566	8
Point Reyes National Seashore (PORE)	Pacific West	California	39	51	36	25	151	5,090	2
Biscayne National Park (BISC)	Southeast	Florida	17	22	21	22	82	200 ^(C)	2
Bandelier National Monument (BAND)	Intermountain	New Mexico	0	19	33	24	76	126	1
Big Cypress National Preserve (BICY)	Southeast	Florida	39	15	2	9	65	972 ^(C)	2
Olympic National Park (OLYM)	Pacific West	Washington	5	10	40	9	64	76	1
Natural Bridges National Monument (NABR)	Intermountain	Utah	0	19	30	14	63	145	5
Everglades National Park (EVER)	Southeast	Florida	43	10	0	9	62	674	1
Big Bend National Park (BIBE)	Intermountain	Texas	–	–	–	–	48	55	2
Chaco Culture National Historical Park (CHCU)	Intermountain	New Mexico	0	4	13	14	31	147	1
Canyon de Chelly National Monument (CACH)	Intermountain	Arizona	0	5	13	12	30	175	4
Aztec Ruins National Monument (AZRU)	Intermountain	New Mexico	–	–	–	–	27	83	1
Mesa Verde National Park (MEVE)	Intermountain	Colorado	–	–	–	–	27	63	1
Acadia National Park (ACAD)	Northeast	Maine	5	5	12	0	22	60	1
Hovenweep National Monument (HOVE)	Intermountain	Utah	–	–	–	–	20	92	3
Navajo National Monument (NAVA)	Intermountain	Arizona	–	–	–	–	19	267	4

^A Dashes in table indicate the park is exempt from the requirement for operators to submit a quarterly report; therefore, only an annual report is required.

^B Total number of air tours authorized through IOA and/or agreements.

^C Park with air tour management agreements.

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

^E This is not a sum of all values in this column since some operators have certificates for multiple parks. It reflects the number of unique certificates across all operators.

Table 1 (continued). Reported Commercial Air Tours in 2018 (sorted by Total Reported Air Tours) ^(A)

National Park System Unit	Region	State	January-March	April-June	July-September	October-December	Total Reported Air Tours	Authorized Air Tours ^(B)	Number of Authorized Operators
Yosemite National Park (YOSE)	Pacific West	California	0	7	5	7	19	115	2
Petroglyph National Monument (PETR)	Intermountain	New Mexico	–	–	–	–	11	45	1
El Malpais National Monument (ELMA)	Intermountain	New Mexico	–	–	–	–	10	43	1
Devils Tower National Monument (DETO)	Intermountain	Wyoming	–	–	–	–	9	22	1
Pecos National Historical Park (PECO)	Intermountain	New Mexico	–	–	–	–	9	32	1
Zion National Park (ZION)	Intermountain	Utah	0	6	1	2	9	684	8
Fort Union National Monument (FOUN)	Intermountain	New Mexico	–	–	–	–	8	32	1
Yellowstone National Park (YELL)	Intermountain	Idaho, Montana, Wyoming	5	1	0	0	6	103	4
Black Canyon Of The Gunnison National Park (BLCA)	Intermountain	Colorado	–	–	–	–	5	7	1
Capitol Reef National Park (CARE)	Intermountain	Utah	0	0	3	1	5	284	7
Capulin Volcano National Monument (CAVO)	Intermountain	New Mexico	–	–	–	–	5	13	1
Colorado National Monument (COLM)	Intermountain	Colorado	–	–	–	–	5	57	1
Hubbell Trading Post National Historic Site (HUTR)	Intermountain	Arizona	–	–	–	–	3	27	1
Petrified Forest National Park (PEFO)	Intermountain	Arizona	–	–	–	–	3	60	3
Sunset Crater Volcano National Monument (SUCR)	Intermountain	Arizona	–	–	–	–	3	94	4
Carlsbad Caverns National Park (CAVE)	Intermountain	New Mexico	–	–	–	–	2	18	1
Dinosaur National Monument (DINO)	Intermountain	Colorado, Utah	–	–	–	–	2	9	1
Great Sand Dunes National Park and Preserve (GRSA)	Intermountain	Colorado	–	–	–	–	2	16	1
Salinas Pueblo Missions National Monument (SAPU)	Intermountain	New Mexico	–	–	–	–	2	17	1
El Morro National Monument (ELMO)	Intermountain	New Mexico	–	–	–	–	1	43	1
Mount Rainier National Park (MORA)	Pacific West	Washington	0	0	0	1	1	34	2
Rio Grande Wild and Scenic River (RIGR)	Intermountain	Texas	–	–	–	–	1	5	1
Sequoia and Kings Canyon National Parks (SEKI)	Pacific West	California	0	1	0	0	1	10	1
Wupatki National Monument (WUPA)	Intermountain	Arizona	–	–	–	–	1	60	3
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
Dry Tortugas National Park (DRTO)	Southeast	Florida	–	–	–	–	0	100	1
Fort Bowie National Historic Site (FOBO)	Intermountain	Arizona	–	–	–	–	0	5	1

^A Dashes in table indicate the park is exempt from the requirement for operators to submit a quarterly report; therefore, only an annual report is required.

^B Total number of air tours authorized through IOA and/or agreements.

^C Park with air tour management agreements.

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

^E This is not a sum of all values in this column since some operators have certificates for multiple parks. It reflects the number of unique certificates across all operators.

Table 1 (continued). Reported Commercial Air Tours in 2018 (sorted by Total Reported Air Tours) ^(A)

National Park System Unit	Region	State	January-March	April-June	July-September	October-December	Total Reported Air Tours	Authorized Air Tours ^(B)	Number of Authorized Operators
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	29	3
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
Muir Woods National Monument (MUWO)	Pacific West	California	0	0	0	0	0	5,090	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
Saguaro National Park (SAGU)	Intermountain	Arizona	–	–	–	–	0	18	2
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
Total ^(D)	–	–	9,714	13,041	14,914	9,252	47,145	180,964 ^(B)	47 ^(E)

^A Dashes in table indicate the park is exempt from the requirement for operators to submit a quarterly report; therefore, only an annual report is required.

^B Total number of air tours authorized through IOA and/or agreements.

^C Park with air tour management agreements.

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

^E This is not a sum of all values in this column since some operators have certificates for multiple parks. It reflects the number of unique certificates across all operators.

Table 2. Reported Commercial Air Tours in 2018 (sorted alphabetically by National Park System Unit) ^(A)

National Park System Unit	Region	State	January-March	April-June	July-September	October-December	Total Reported Air Tours	Authorized Air Tours ^(B)	Number of Authorized Operators
Acadia National Park (ACAD)	Northeast	Maine	5	5	12	0	22	60	1
Arches National Park (ARCH)	Intermountain	Utah	1	75	107	42	225	566	8
Aztec Ruins National Monument (AZRU)	Intermountain	New Mexico	–	–	–	–	27	83	1
Badlands National Park (BADL)	Midwest	South Dakota	0	734	995	0	1,729	4,117	2
Bandelier National Monument (BAND)	Intermountain	New Mexico	0	19	33	24	76	126	1
Big Bend National Park (BIBE)	Intermountain	Texas	–	–	–	–	48	55	2
Big Cypress National Preserve (BICY)	Southeast	Florida	39	15	2	9	65	972 ^(C)	2
Biscayne National Park (BISC)	Southeast	Florida	17	22	21	22	82	200 ^(C)	2
Black Canyon Of The Gunnison National Park (BLCA)	Intermountain	Colorado	–	–	–	–	5	7	1
Bryce Canyon National Park (BRCA)	Intermountain	Utah	33	164	243	92	532	3,131	9
Canyon de Chelly National Monument (CACH)	Intermountain	Arizona	0	5	13	12	30	175	4
Canyonlands National Park (CANY)	Intermountain	Utah	1	100	154	59	314	665	8
Capitol Reef National Park (CARE)	Intermountain	Utah	0	0	3	1	5	284	7
Capulin Volcano National Monument (CAVO)	Intermountain	New Mexico	–	–	–	–	5	13	1
Carlsbad Caverns National Park (CAVE)	Intermountain	New Mexico	–	–	–	–	2	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	0	4	13	14	31	147	1
Colorado National Monument (COLM)	Intermountain	Colorado	–	–	–	–	5	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	–	–	–	–	9	22	1
Dinosaur National Monument (DINO)	Intermountain	Colorado, Utah	–	–	–	–	2	9	1
Dry Tortugas National Park (DRTO)	Southeast	Florida	–	–	–	–	0	100	1
El Malpais National Monument (ELMA)	Intermountain	New Mexico	–	–	–	–	10	43	1
El Morro National Monument (ELMO)	Intermountain	New Mexico	–	–	–	–	1	43	1
Everglades National Park (EVER)	Southeast	Florida	43	10	0	9	62	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

^A Dashes in table indicate the park is exempt from the requirement for operators to submit a quarterly report; therefore, only an annual report is required.

^B Total number of air tours authorized through IOA and/or agreements.

^C Park with air tour management agreements.

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

^E This is not a sum of all values in this column since some operators have certificates for multiple parks. It reflects the number of unique certificates across all operators.

Table 2 (continued). Reported Commercial Air Tours in 2018 (sorted alphabetically by National Park System Unit) ^(A)

National Park System Unit	Region	State	January-March	April-June	July-September	October-December	Total Reported Air Tours	Authorized Air Tours ^(B)	Number of Authorized Operators
Gila Cliff Dwellings National Monument (GICL)	Intermountain	New Mexico	–	–	–	–	0	26	1
Glacier National Park (GLAC)	Intermountain	Montana	5	36	215	42	298	1,653	5
Glen Canyon National Recreation Area (GLCA)	Intermountain	Arizona, Utah	293	1,562	1,788	1,072	4,715	8,159 ^(C)	9
Golden Gate National Recreation Area (GOGA)	Pacific West	California	414	672	977	487	2,550	5,090	2
Golden Spike National Historic Site (GOSP)	Intermountain	Utah	–	–	–	–	0	11	1
Grand Teton National Park (GRTE)	Intermountain	Wyoming	–	–	–	–	0	29	3
Great Sand Dunes National Park and Preserve (GRSA)	Intermountain	Colorado	–	–	–	–	2	16	1
Great Smoky Mountains National Park (GRSM)	Southeast	Tennessee, North Carolina	77	186	313	231	807	1,920	2
Guadalupe Mountains National Park (GUMO)	Intermountain	Texas	–	–	–	–	0	18	1
Haleakalā National Park (HALE)	Pacific West	Hawaii	1,146	1,092	1,235	1,284	4,757	25,827	6
Hawai'i Volcanoes National Park (HAVO)	Pacific West	Hawaii	3,738	1,954	331	2,310	8,333	26,664	10
Hohokam Pima National Monument (PIMA)	Intermountain	Arizona	–	–	–	–	0	5	1
Hovenweep National Monument (HOVE)	Intermountain	Utah	–	–	–	–	20	92	3
Hubbell Trading Post National Historic Site (HUTR)	Intermountain	Arizona	–	–	–	–	3	27	1
Lake Mead National Recreation Area (LAKE)	Pacific West	Arizona, Nevada	1,732	2,015	2,145	1,509	7,401	36,819	7
Mesa Verde National Park (MEVE)	Intermountain	Colorado	–	–	–	–	27	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	1	1	34	2
Mount Rushmore National Memorial (MORU)	Midwest	South Dakota	0	1,102	2,638	48	3,788	5,608	3
Muir Woods National Monument (MUWO)	Pacific West	California	0	0	0	0	0	5,090	2
National Parks of New York Harbor Management Unit (NPNH)	Northeast	New York, New Jersey	1,845	2,275	2,480	1,541	8,141	35,532	3
Natural Bridges National Monument (NABR)	Intermountain	Utah	0	19	30	14	63	145	5
Navajo National Monument (NAVA)	Intermountain	Arizona	–	–	–	–	19	267	4
North Cascades National Park (NOCA)	Pacific West	Washington	–	–	–	–	0	2	1
Olympic National Park (OLYM)	Pacific West	Washington	5	10	40	9	64	76	1
Organ Pipe Cactus National Monument (ORPI)	Intermountain	Arizona	–	–	–	–	0	5	1
Pecos National Historical Park (PECO)	Intermountain	New Mexico	–	–	–	–	9	32	1
Petrified Forest National Park (PEFO)	Intermountain	Arizona	–	–	–	–	3	60	3
Petroglyph National Monument (PETR)	Intermountain	New Mexico	–	–	–	–	11	45	1

^A Dashes in table indicate the park is exempt from the requirement for operators to submit a quarterly report; therefore, only an annual report is required.

^B Total number of air tours authorized through IOA and/or agreements.

^C Park with air tour management agreements.

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

^E This is not a sum of all values in this column since some operators have certificates for multiple parks. It reflects the number of unique certificates across all operators.

Table 2 (continued). Reported Commercial Air Tours in 2018 (sorted alphabetically by National Park System Unit) ^(A)

National Park System Unit	Region	State	January-March	April-June	July-September	October-December	Total Reported Air Tours	Authorized Air Tours ^(B)	Number of Authorized Operators
Pipe Spring National Monument (PISP)	Intermountain	Arizona	–	–	–	–	0	26	2
Point Reyes National Seashore (PORE)	Pacific West	California	39	51	36	25	151	5,090	2
Rainbow Bridge National Monument (RABR)	Intermountain	Utah	109	607	638	172	1,526	3,992 ^(C)	8
Rio Grande Wild and Scenic River (RIGR)	Intermountain	Texas	–	–	–	–	1	5	1
Saguaro National Park (SAGU)	Intermountain	Arizona	–	–	–	–	0	18	2
Salinas Pueblo Missions National Monument (SAPU)	Intermountain	New Mexico	–	–	–	–	2	17	1
San Francisco Maritime National Historical Park (SAFR)	Pacific West	California	167	292	446	214	1,119	5,090	2
Sequoia and Kings Canyon National Parks (SEKI)	Pacific West	California	0	1	0	0	1	10	1
Sunset Crater Volcano National Monument (SUCR)	Intermountain	Arizona	–	–	–	–	3	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	–	–	–	–	1	60	3
Yellowstone National Park (YELL)	Intermountain	Idaho, Montana, Wyoming	5	1	0	0	6	103	4
Yosemite National Park (YOSE)	Pacific West	California	0	7	5	7	19	115	2
Yucca House National Monument (YUHO)	Intermountain	Colorado	–	–	–	–	0	63	1
Zion National Park (ZION)	Intermountain	Utah	0	6	1	2	9	684	8
Total ^(D)			9,714	13,041	14,914	9,252	47,145	180,964 ^(B)	47 ^(E)

^A Dashes in table indicate the park is exempt from the requirement for operators to submit a quarterly report; therefore, only an annual report is required.

^B Total number of air tours authorized through IOA and/or agreements.

^C Park with air tour management agreements.

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

^E This is not a sum of all values in this column since some operators have certificates for multiple parks. It reflects the number of unique certificates across all operators.

High-Activity Park Units

Table 3 and Figure 1 display the reported air tours for high-activity park units in 2018. The bulk of air tour operations were concentrated at ten park units where approximately 93.5% of air tours occurred. All of these park units had over 1,000 reported annual operations, with Hawai'i Volcanoes National Park and National Parks of New York Harbor both exceeding 8,000 operations. The remaining 44 park units had a combined total of 3,086 annual operations.

Table 3. Reported Commercial Air Tours at High-Activity Units of the National Park System, 2018

National Park System Unit	January-March	April-June	July-September	October-December	Total Reported Air Tours	Percent of All Tours	Authorized Air Tours ^(A)	Number of Active Operators ^(B)
Hawai'i Volcanoes National Park (HAVO)	3,738	1,954	331	2,310	8,333	17.7%	26,664	7
National Parks of New York Harbor Management Unit (NPNH)	1,845	2,275	2,480	1,541	8,141	17.3%	35,532	2
Lake Mead National Recreation Area (LAKE)	1,732	2,015	2,145	1,509	7,401	15.7%	36,819	4
Haleakalā National Park (HALE)	1,146	1,092	1,235	1,284	4,757	10.1%	25,827	5
Glen Canyon National Recreation Area (GLCA)	293	1,562	1,788	1,072	4,715	10.0%	8,159 ^(C)	5
Mount Rushmore National Memorial (MORU)	0	1,102	2,638	48	3,788	8.0%	5,608	3
Golden Gate National Recreation Area (GOGA)	414	672	977	487	2,5508	5.4%	5,090	2
Badlands National Park (BADL)	0	734	995	0	1,729	3.7%	4,117	1
Rainbow Bridge National Monument (RABR)	109	607	638	172	1,526	3.2%	3,992 ^(C)	4
San Francisco Maritime National Historical Park (SAFR)	167	292	446	214	1,119	2.4%	5,090	1
All Others	270	736	1,241	615	3,086	6.5%	24,066	—
Total ^(D)	9,714	13,041	14,914	9,252	47,145	100%	180,964 ^(A)	47 ^(E)

^A Total number of air tours authorized through IOA and/or agreements.

^B Number of operators who reported at least one air tour.

^C Park with air tour management agreements.

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

^E This is not a sum of all values in this column since some operators have certificates for multiple parks. It reflects the number of unique certificates across all operators

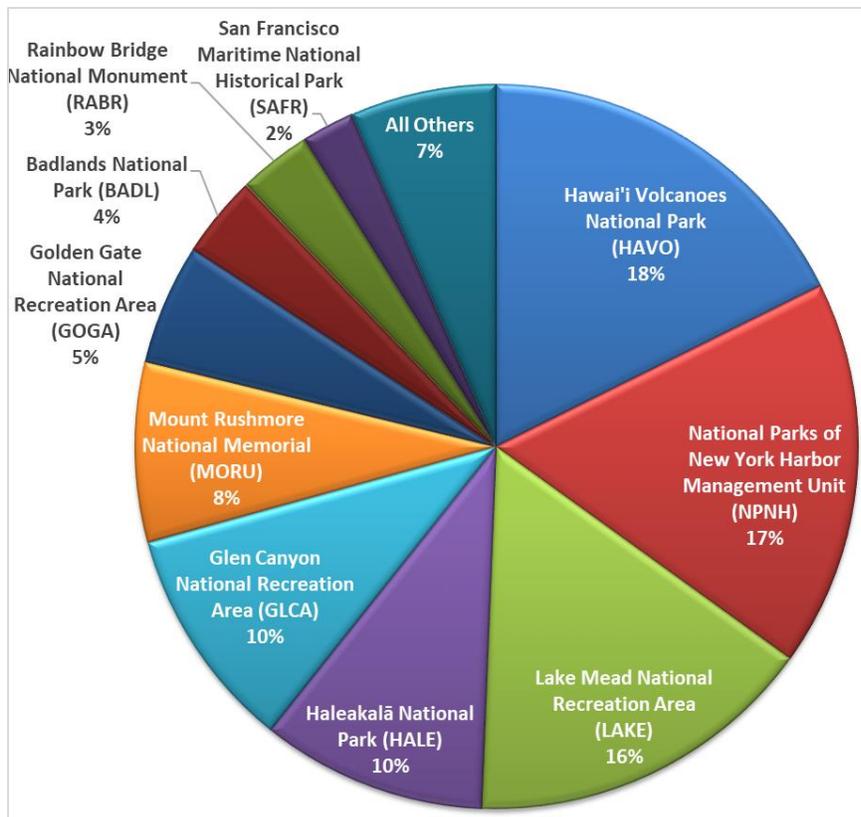


Figure 1. Reported Commercial Air Tours at High-Activity Units of the National Park System, 2018

Table 4 and Figure 2 display annual data for these same high-activity parks, from 2013-2018. 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. The nearly 50% drop in tours at Hawai'i Volcanoes National Park from 2017 to 2018 is a result of the Kīlauea Volcano eruptive activity that began in the spring of 2018. Tour flight paths shifted in order to pursue views of lava flows outside of the park. In addition, the FAA implemented multiple temporary flight restrictions (TFRs) over areas of volcanic activity.

Table 4. Reported Commercial Air Tours at High-Activity Units of the National Park System, 2013-2018

National Park System Unit	2013	2014	2015	2016	2017	2018
Hawai'i Volcanoes National Park (HAVO)	15,410	14,427	14,645	15,489	16,520	8,333
National Parks of New York Harbor Management Unit (NPNH)	34,682	39,797	26,812	18,638	11,006	8,141
Lake Mead National Recreation Area (LAKE)	13,218	12,160	10,548	7,530	8,735	7,401
Haleakalā National Park (HALE)	4,631	4,932	4,543	4,589	4,839	4,757
Glen Canyon National Recreation Area (GLCA)	4,437	4,861	4,167	3,820	4,243	4,715
Mount Rushmore National Memorial (MORU)	9	3,648	4,363	4,011	3,749	3,788
Golden Gate National Recreation Area (GOGA)	1,920	2,003	2,272	2,250	2,588	2,550
Badlands National Park (BADL)	962	1,317	1,205	1,330	1,194	1,729
Rainbow Bridge National Monument (RABR)	2,135	2,399	2,415	2,065	1,316	1,526
San Francisco Maritime National Historical Park (SAFR)	_(A)	_(A)	_(A)	_(A)	_(A)	1,119

^A Tours likely occurred 2013-2017 in connection with tours over Golden Gate. FAA and NPS have clarified reporting with operator.

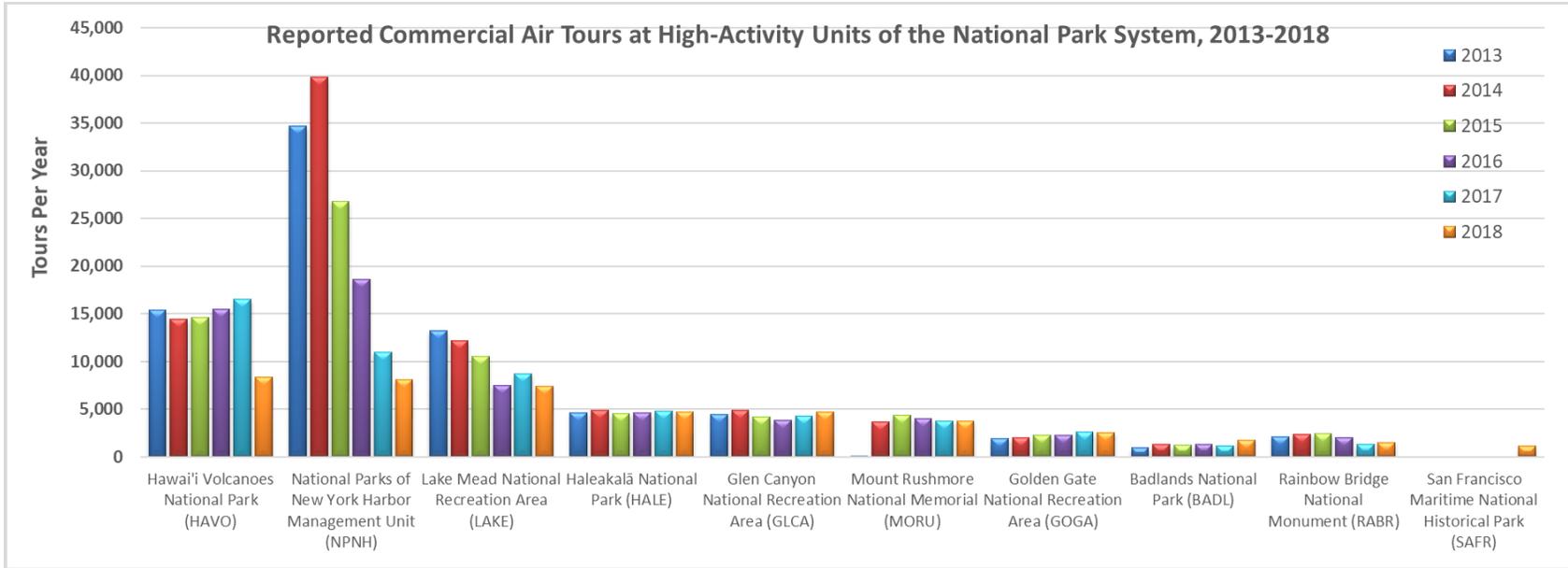


Figure 2. Reported Commercial Air Tours at High-Activity Units of the National Park System, 2013-2018

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, 2018

Region	Total Reported Air Tours	Percent of All Air Tours	Number of Park Units with At Least One Tour
Pacific West Region (PWR)	24,396	52%	10
Northeast Region (NER)	8,163	17%	2
Intermountain Region (IMR)	8,053	17%	36
Midwest Region (MWR)	5,517	12%	2
Southeast Region (SER)	1,016	2%	4
Total	47,145	100%	54

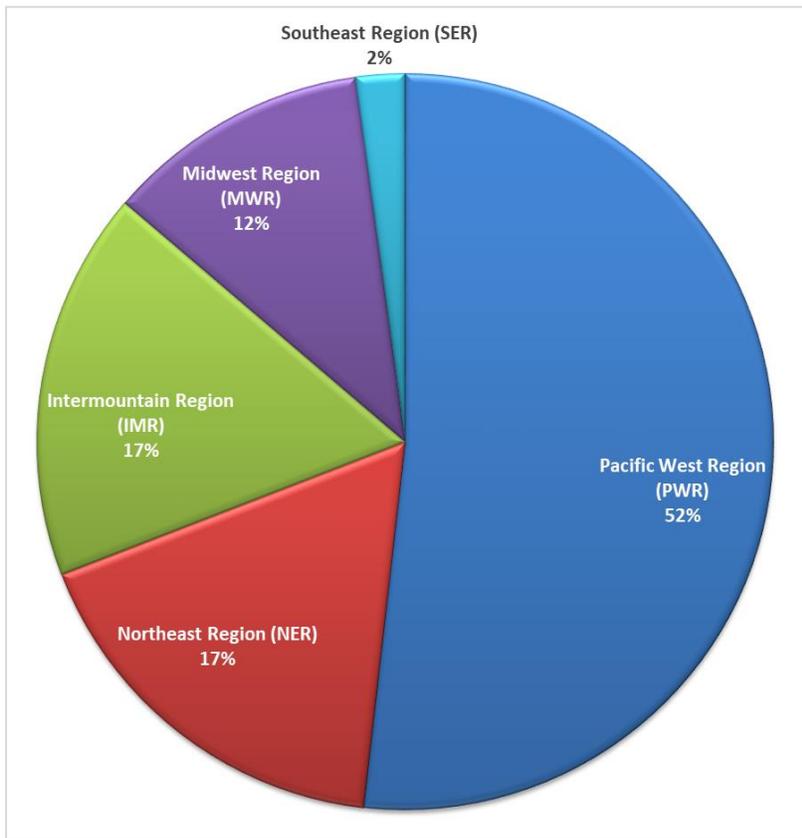


Figure 3. Reported Commercial Air Tours by NPS Region, 2018

Annual and Quarterly Trends

Table 6 and Figure 4 display air tour activity by quarter for 2013-2018. Most park units experienced seasonal fluctuations in operations associated with weather and customer demand. Figure 5 displays the total annual tours for 2013-2018. As mentioned, the declining trend in tours over the past several years is due in part 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. More recently, a nearly 50% drop in tours at Hawai'i Volcanoes National Park from 2017 to 2018 was a result of the Kīlauea Volcano eruptive activity. Tour flight paths shifted in order to pursue views of lava flows outside of the park and the FAA implemented multiple temporary flight restrictions (TFR) over areas of volcanic activity.

Table 6. Reported Commercial Air Tours, 2013-2018

Year	January-March	April-June	July-September	October-December	Total Reported Air Tours ^(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	19,467	12,126	58,692
2018	9,714	13,041	14,914	9,252	47,145

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

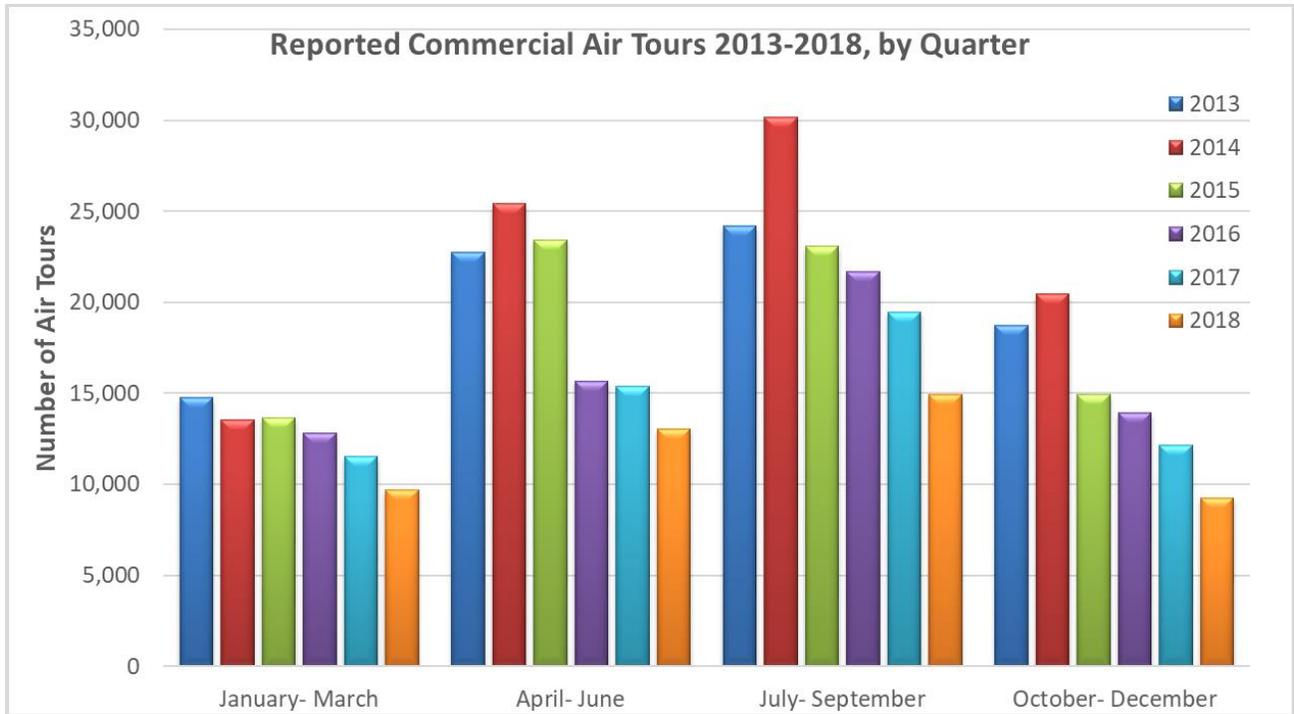


Figure 4. Reported Commercial Air Tours 2013-2018 by Quarter

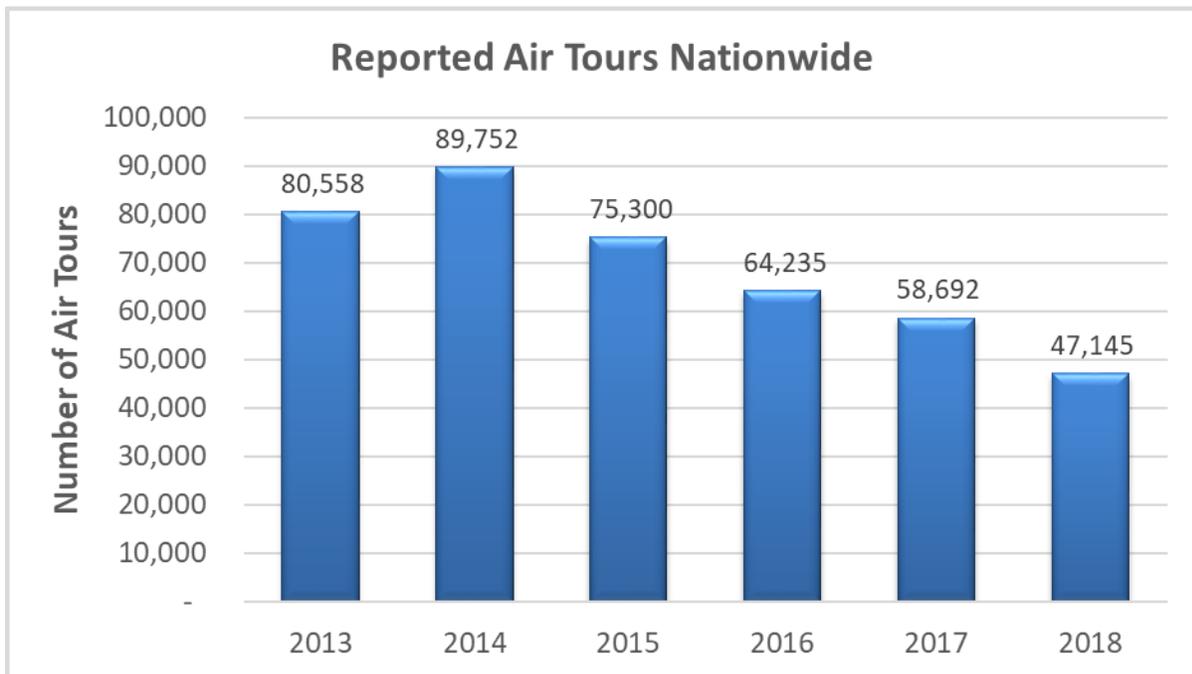


Figure 5. Reported Commercial Air Tours 2013-2018 by Year

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 25 park units that currently require a plan or agreement—22 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 with seven of nine operators at Glen Canyon National Recreation Area / Rainbow Bridge National Monument.

Table 8 lists the 53 park units that qualify for the exemption based on 2018 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.

Table 7. Park Units that Require an Air Tour Management Plan or Agreement (sorted by Total Reported Air Tours)

National Park System Unit	Region	State	Total Reported Air Tours
Hawai'i Volcanoes National Park (HAVO)	Pacific West	Hawaii	8,333
National Parks of New York Harbor Management Unit (NPNH)	Northeast	New York, New Jersey	8,141
Lake Mead National Recreation Area (LAKE)	Pacific West	Arizona, Nevada	7,401
Haleakalā National Park (HALE)	Pacific West	Hawaii	4,757
Glen Canyon National Recreation Area (GLCA)	Intermountain	Arizona, Utah	4,715
Mount Rushmore National Memorial (MORU)	Midwest	South Dakota	3,788
Golden Gate National Recreation Area (GOGA)	Pacific West	California	2,550
Badlands National Park (BADL)	Midwest	South Dakota	1,729
Rainbow Bridge National Monument (RABR)	Intermountain	Utah	1,526
San Francisco Maritime National Historical Park (SAFR)	Pacific West	California	1,119
Great Smoky Mountains National Park (GRSM)	Southeast	Tennessee, North Carolina	807
Bryce Canyon National Park (BRCA)	Intermountain	Utah	532
Canyonlands National Park (CANY)	Intermountain	Utah	314
Glacier National Park (GLAC)	Intermountain	Montana	298
Arches National Park (ARCH)	Intermountain	Utah	225
Point Reyes National Seashore (PORE)	Pacific West	California	151
Biscayne National Park (BISC)	Southeast	Florida	82
Bandelier National Monument (BAND)	Intermountain	New Mexico	76
Big Cypress National Preserve (BICY)	Southeast	Florida	65
Olympic National Park (OLYM)	Pacific West	Washington	64
Natural Bridges National Monument (NABR)	Intermountain	Utah	63
Everglades National Park (EVER)	Southeast	Florida	62
Canyon de Chelly National Monument (CACH)	Intermountain	Arizona	30 ^(A)
Mount Rainier National Park (MORA)	Pacific West	Washington	1 ^(A)

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

Table 7 (continued). Park Units that Require an Air Tour Management Plan or Agreement (sorted by Total Reported Air Tours)

National Park System Unit	Region	State	Total Reported Air Tours
Death Valley National Park (DEVA)	Pacific West	California	0 ^(A)
Total	n/a	n/a	46,829

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

Table 8. Park Units that Qualify for the Exemption Based on 2018 Data (sorted by Total Reported Air Tours)

Unit of the National Park System	Region	State	Total Reported Air Tours
Big Bend National Park (BIBE)	Intermountain	Texas	48
Chaco Culture National Historical Park (CHCU)	Intermountain	New Mexico	31
Aztec Ruins National Monument (AZRU)	Intermountain	New Mexico	27
Mesa Verde National Park (MEVE)	Intermountain	Colorado	27
Acadia National Park (ACAD)	Northeast	Maine	22
Hovenweep National Monument (HOVE)	Intermountain	Utah	20
Navajo National Monument (NAVA)	Intermountain	Arizona	19
Yosemite National Park (YOSE)	Pacific West	California	19
Petroglyph National Monument (PETR)	Intermountain	New Mexico	11
El Malpais National Monument (ELMA)	Intermountain	New Mexico	10
Devils Tower National Monument (DETO)	Intermountain	Wyoming	9
Pecos National Historical Park (PECO)	Intermountain	New Mexico	9
Zion National Park (ZION)	Intermountain	Utah	9
Fort Union National Monument (FOUN)	Intermountain	New Mexico	8
Yellowstone National Park (YELL)	Intermountain	Idaho, Montana, Wyoming	6
Black Canyon Of The Gunnison National Park (BLCA)	Intermountain	Colorado	5

Table 8 (continued). Park Units that Qualify for the Exemption Based on 2018 Data (sorted by Total Reported Air Tours)

Unit of the National Park System	Region	State	Total Reported Air Tours
Capitol Reef National Park (CARE)	Intermountain	Utah	5
Capulin Volcano National Monument (CAVO)	Intermountain	New Mexico	5
Colorado National Monument (COLM)	Intermountain	Colorado	5
Hubbell Trading Post National Historic Site (HUTR)	Intermountain	Arizona	3
Petrified Forest National Park (PEFO)	Intermountain	Arizona	3
Sunset Crater Volcano National Monument (SUCR)	Intermountain	Arizona	3
Carlsbad Caverns National Park (CAVE)	Intermountain	New Mexico	2
Dinosaur National Monument (DINO)	Intermountain	Colorado, Utah	2
Great Sand Dunes National Park and Preserve (GRSA)	Intermountain	Colorado	2
Salinas Pueblo Missions National Monument (SAPU)	Intermountain	New Mexico	2
El Morro National Monument (ELMO)	Intermountain	New Mexico	1
Rio Grande Wild and Scenic River (RIGR)	Intermountain	Texas	1
Sequoia and Kings Canyon National Parks (SEKI)	Pacific West	California	1
Wupatki National Monument (WUPA)	Intermountain	Arizona	1
Casa Grande Ruins National Monument (CAGR)	Intermountain	Arizona	0
Cedar Breaks National Monument (CEBR)	Intermountain	Utah	0
Coronado National Memorial (CORO)	Intermountain	Arizona	0
Dry Tortugas National Park (DRTO)	Southeast	Florida	0
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

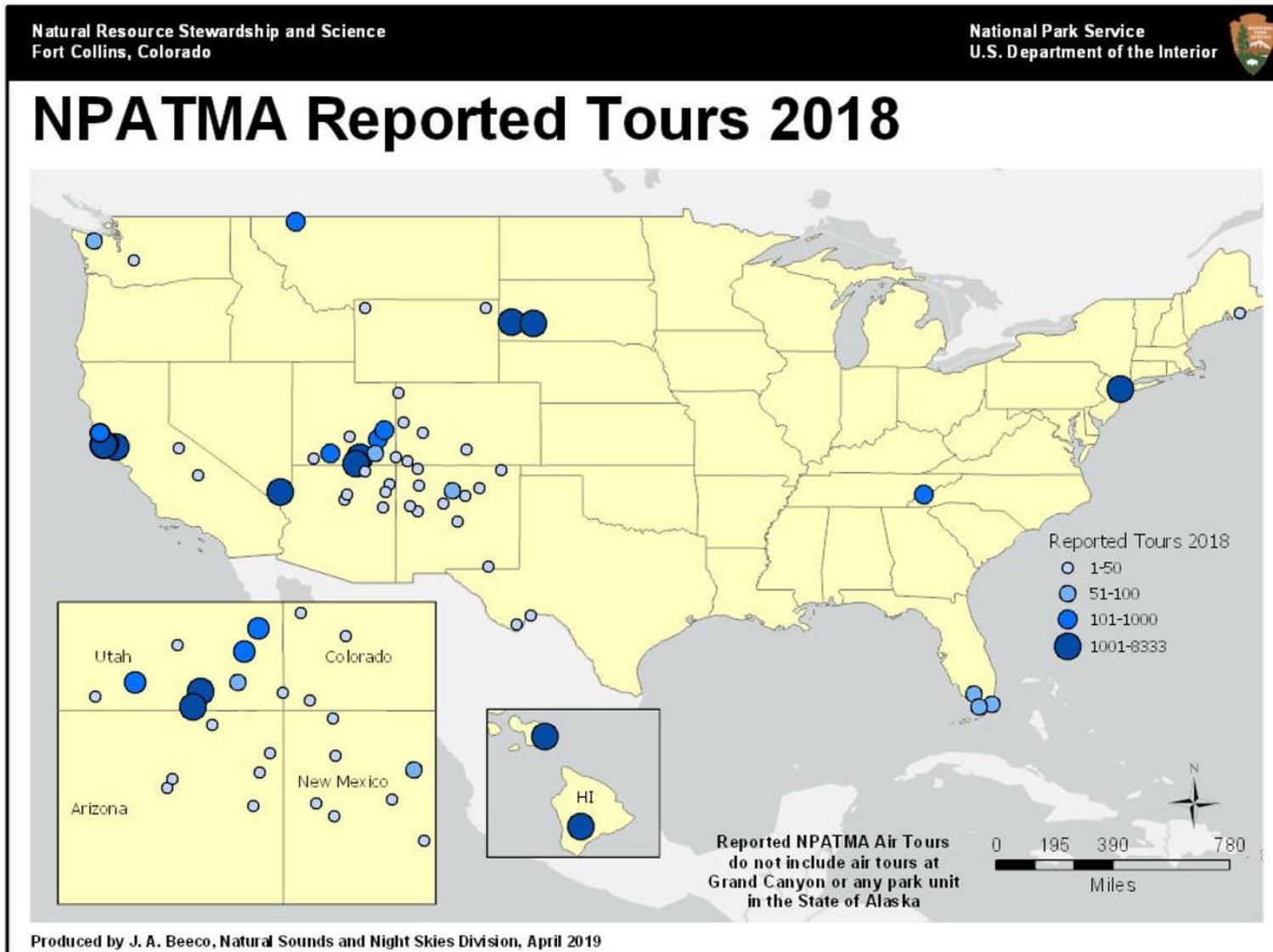
Table 8 (continued). Park Units that Qualify for the Exemption Based on 2018 Data (sorted by Total Reported Air Tours)

Unit of the National Park System	Region	State	Total Reported Air Tours
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
Muir Woods National Monument (MUWO)	Pacific West	California	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
Saguaro National Park (SAGU)	Intermountain	Arizona	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
Total	n/a	n/a	316

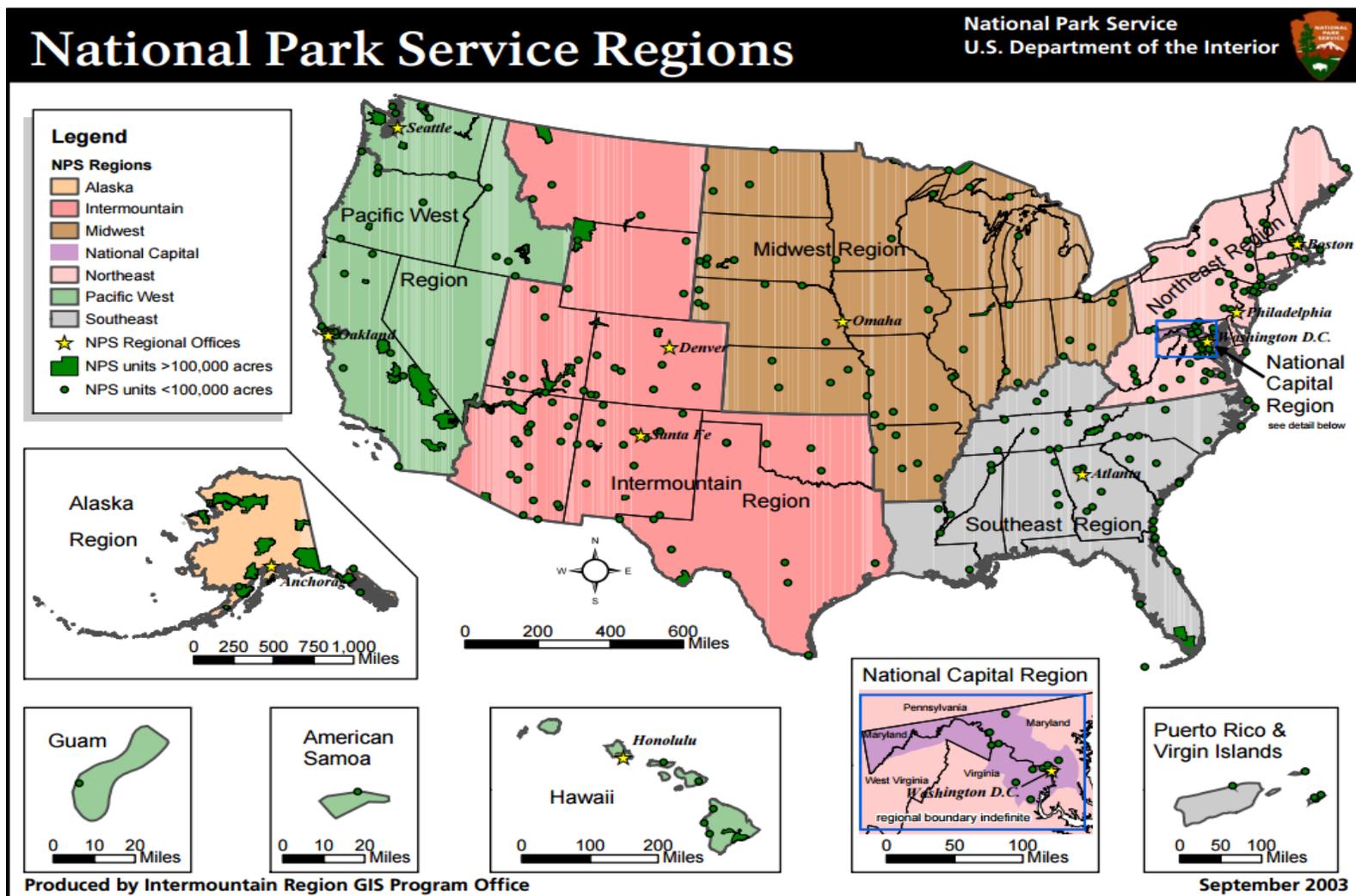
Appendix A. Air Tour Reporting Template

 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 2018 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.

NPS999/156255, July 2019

National Park Service
U.S. Department of the Interior



[Natural Resource Stewardship and Science](#)

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