

Grand Canyon Annual Report

Dev test by Charlie Lu. Simulated Data.

Source: Grand Canyon National Park River Launch Calendar and Data Center 7/8/2003 6:06 PM

Total Launch Summary

Calendar Year: Jan 1, 2002 - Dec 31, 2002

Total Launches by Sector

	<u>Motorized</u>	<u>Non-Motorized</u>	<u>Total</u>
Commercial	472 (75%)	160 (25%)	632 (66%)
Non-Commercial	19 (7%)	241 (93%)	260 (27%)
GRCA Administrative/Science	3 (11%)	24 (89%)	27 (3%)
GCMRC	23 (61%)	15 (39%)	38 (4%)
Commercial Crew Training	1 (100%)	0	1 (0%)
Total Launches	518 (54%)	440 (46%)	958

Recreational/Non-Recreational Launches

	<u>Motorized</u>	<u>Non-Motorized</u>	<u>Total</u>
Non-Recreational	27 (41%)	39 (59%)	66 (7%)
Recreational	491 (55%)	401 (45%)	892 (93%)
Total Launches	518 (54%)	440 (46%)	958

Total Launches by Month

	<u>Jan '02</u>	<u>Feb '02</u>	<u>Mar '02</u>	<u>Apr '02</u>	<u>May '02</u>	<u>Jun '02</u>
Total Launches	16 (2%)	15 (2%)	20 (2%)	60 (6%)	167 (17%)	177 (18%)
Recreational	12 (1%)	9 (1%)	14 (2%)	50 (6%)	161 (18%)	170 (19%)
Non-Recreational	4 (6%)	6 (9%)	6 (9%)	10 (15%)	6 (9%)	7 (11%)
Recreational Motorized	5 (1%)	1 (0%)	2 (0%)	21 (4%)	102 (21%)	109 (22%)
Recreational Non-Motorized	7 (2%)	8 (2%)	12 (3%)	29 (7%)	59 (15%)	61 (15%)
Total Motorized	7 (1%)	5 (1%)	5 (1%)	25 (5%)	105 (20%)	112 (22%)
Total Non-Motorized	9 (2%)	10 (2%)	15 (3%)	35 (8%)	62 (14%)	65 (15%)
	<u>Jul '02</u>	<u>Aug '02</u>	<u>Sep '02</u>	<u>Oct '02</u>	<u>Nov '02</u>	<u>Dec '02</u>
Total Launches	172 (18%)	156 (16%)	107 (11%)	47 (5%)	14 (1%)	7 (1%)
Recreational	168 (19%)	151 (17%)	99 (11%)	41 (5%)	11 (1%)	6 (1%)
Non-Recreational	4 (6%)	5 (8%)	8 (12%)	6 (9%)	3 (5%)	1 (2%)
Recreational Motorized	112 (23%)	96 (20%)	43 (9%)	0	0	0
Recreational Non-Motorized	56 (14%)	55 (14%)	56 (14%)	41 (10%)	11 (3%)	6 (1%)
Total Motorized	115 (22%)	98 (19%)	46 (9%)	0	0	0
Total Non-Motorized	57 (13%)	58 (13%)	61 (14%)	47 (11%)	14 (3%)	7 (2%)

Recreational Launches
Calendar Year: Jan 1, 2002 - Dec 31, 2002

Recreational Launches by Sector 

	Motorized	Non-Motorized	Total
Commercial	472 (75%)	160 (25%)	632 (71%)
Non-Commercial	19 (7%)	241 (93%)	260 (29%)
Total Recreational Launches	491 (55%)	401 (45%)	892

Commercial Launches by Concessioner

	Motorized	Non-Motorized	Total
ARIZONA RAFT ADVENTURES, INC.	16 (33%)	32 (67%)	48 (8%)
ARIZONA RIVER RUNNERS, INC.	57 (93%)	4 (7%)	61 (10%)
CANYON EXPEDITIONS, INC.	0	10 (100%)	10 (2%)
CANYON EXPLORATIONS INC.	0	16 (100%)	16 (3%)
CANYONEERS, INC.	35 (97%)	1 (3%)	36 (6%)
COLORADO RIVER & TRAIL EXPEDITIONS, INC	18 (95%)	1 (5%)	19 (3%)
DIAMOND RIVER ADVENTURES, INC	33 (85%)	6 (15%)	39 (6%)
GRAND CANYON EXPEDITIONS COMPANY	72 (94%)	5 (6%)	77 (12%)
HATCH RIVER EXPEDITIONS, INC.	77 (100%)	0	77 (12%)
HIGH DESERT ADVENTURES, INC.	11 (55%)	9 (45%)	20 (3%)
MOKI MAC RIVER EXPEDITIONS, INC.	10 (50%)	10 (50%)	20 (3%)
O.A.R.S., INC.	0	31 (100%)	31 (5%)
OUTDOORS UNLIMITED	0	20 (100%)	20 (3%)
TOUR WEST, INC.	30 (81%)	7 (19%)	37 (6%)
WESTERN RIVER EXPEDITIONS, INC.	75 (100%)	0	75 (12%)
WILDERNESS RIVER ADVENTURES	38 (83%)	8 (17%)	46 (7%)
Total Commercial Launches	472 (75%)	160 (25%)	632

Average Daily Commercial Launches

Note: As the date range dictates, some months may contain only a portion of the month's total data.

	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Monthly Average
Jan	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Feb	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mar	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
Apr	1.0	0.8	0.4	1.0	0.8	0.8	1.0	0.8
May	4.5	3.8	3.5	4.2	3.2	4.2	5.0	4.0
Jun	5.4	5.8	4.0	3.8	4.0	5.3	4.2	4.6
Jul	5.8	5.4	4.0	4.0	3.8	4.8	3.5	4.5
Aug	4.8	4.0	3.8	4.5	3.4	3.8	3.4	3.9
Sep	3.8	2.6	2.5	1.3	1.0	2.3	2.3	2.3
Oct	0.5	0.5	0.4	0.6	0.4	0.5	0.5	0.5
Nov	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dec	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Summer Average (May-Aug)	5.1	4.8	3.8	4.1	3.6	4.4	4.0	4.3
Total Average	2.2	1.9	1.5	1.7	1.4	1.8	1.7	1.7

Average Daily Non-Commercial Launches

Note: As the date range dictates, some months may contain only a portion of the month's total data.

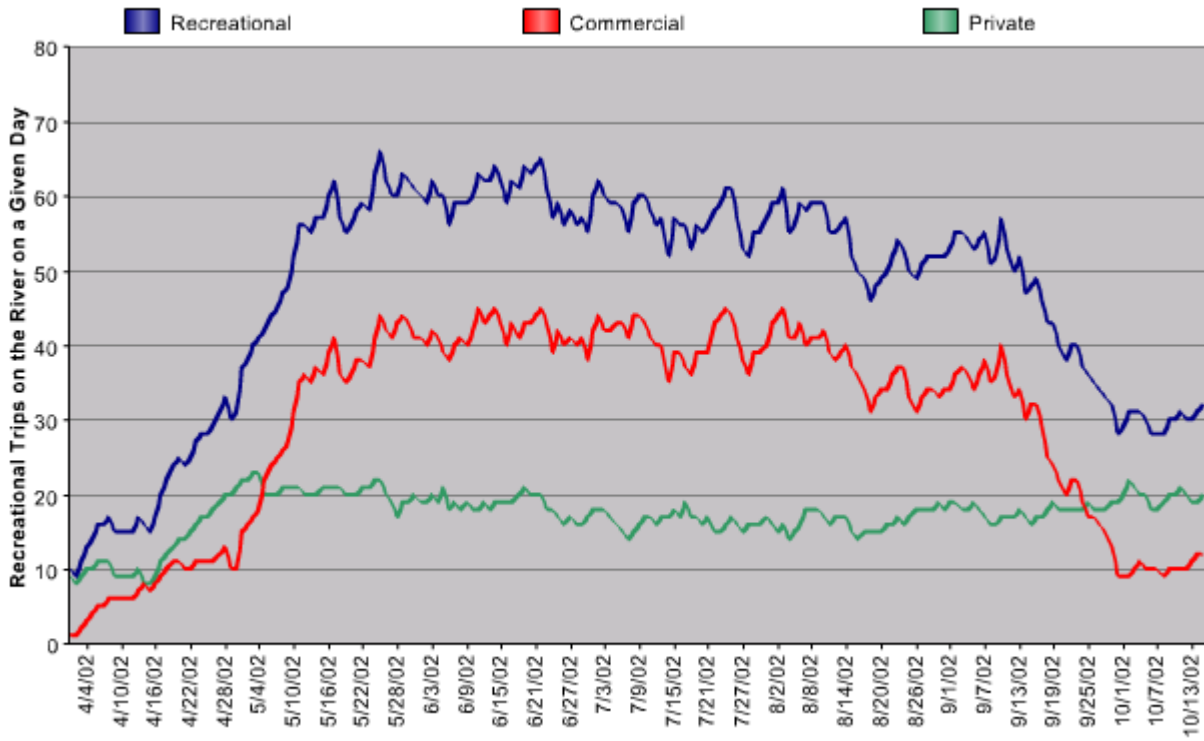
	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Monthly Average
Jan	1.0	0.0	0.0	0.8	0.0	1.0	0.0	0.4
Feb	0.5	0.3	0.0	1.0	0.0	0.5	0.0	0.3
Mar	0.4	0.5	0.0	1.0	0.0	0.4	0.6	0.4
Apr	0.8	1.0	0.6	1.5	0.8	0.5	1.0	0.9
May	1.0	1.0	1.0	2.0	1.0	1.0	1.0	1.2
Jun	1.0	1.0	0.8	1.8	0.8	1.0	1.0	1.0
Jul	1.0	0.8	0.8	1.6	0.8	0.8	1.0	1.0
Aug	1.0	1.0	1.0	1.8	0.8	0.6	0.8	1.0
Sep	1.0	1.0	0.8	1.3	1.0	1.0	1.0	1.0
Oct	1.0	0.5	0.8	1.4	0.6	1.0	0.5	0.8
Nov	0.8	0.0	0.0	0.8	0.0	1.0	0.0	0.4
Dec	0.6	0.0	0.0	0.0	0.0	0.8	0.0	0.2
Summer Average (May-Aug)	1.0	0.9	0.9	1.8	0.8	0.8	0.9	1.0
Total Average	0.8	0.6	0.5	1.3	0.5	0.8	0.6	0.7

Recreational Launches by Month

	Jan '02	Feb '02	Mar '02	Apr '02	May '02	Jun '02
Total Recreational	12 (1%)	9 (1%)	14 (2%)	50 (6%)	161 (18%)	170 (19%)
Commercial	0	0	1 (0%)	24 (4%)	125 (20%)	139 (22%)
Non-Commercial	12 (5%)	9 (3%)	13 (5%)	26 (10%)	36 (14%)	31 (12%)
Recreational Motorized	5 (1%)	1 (0%)	2 (0%)	21 (4%)	102 (21%)	109 (22%)
Recreational Non-Motorized	7 (2%)	8 (2%)	12 (3%)	29 (7%)	59 (15%)	61 (15%)
Commercial Motorized	0	0	0	18 (4%)	98 (21%)	108 (23%)
Commercial Non-Motorized	0	0	1 (1%)	6 (4%)	27 (17%)	31 (19%)
Non-Commercial Motorized	5 (26%)	1 (5%)	2 (11%)	3 (16%)	4 (21%)	1 (5%)
Non-Commercial Non-Motorized	7 (3%)	8 (3%)	11 (5%)	23 (10%)	32 (13%)	30 (12%)

	Jul '02	Aug '02	Sep '02	Oct '02	Nov '02	Dec '02
Total Recreational	168 (19%)	151 (17%)	99 (11%)	41 (5%)	11 (1%)	6 (1%)
Commercial	138 (22%)	121 (19%)	69 (11%)	15 (2%)	0	0
Non-Commercial	30 (12%)	30 (12%)	30 (12%)	26 (10%)	11 (4%)	6 (2%)
Recreational Motorized	112 (23%)	96 (20%)	43 (9%)	0	0	0
Recreational Non-Motorized	56 (14%)	55 (14%)	56 (14%)	41 (10%)	11 (3%)	6 (1%)
Commercial Motorized	111 (24%)	95 (20%)	42 (9%)	0	0	0
Commercial Non-Motorized	27 (17%)	26 (16%)	27 (17%)	15 (9%)	0	0
Non-Commercial Motorized	1 (5%)	1 (5%)	1 (5%)	0	0	0
Non-Commercial Non-Motorized	29 (12%)	29 (12%)	29 (12%)	26 (11%)	11 (5%)	6 (2%)

Recreational Daily Use Intensity - Launches Calendar Year: Jan 1, 2002 - Dec 31, 2002



Note: For individual data values, point your cursor to that place on the graph line. To view a table of all values graphed, click on one of the graph lines.

Non-Recreational Launches Calendar Year: Jan 1, 2002 - Dec 31, 2002

Non-Recreational Launches by Sector

	<u>Motorized</u>	<u>Non-Motorized</u>	<u>Total</u>
GRCA Administrative/Science	3 (11%)	24 (89%)	27 (41%)
GCMRC	23 (61%)	15 (39%)	38 (58%)
Commercial Crew Training	1 (100%)	0	1 (2%)
Total Non-Recreational Launches	27 (41%)	39 (59%)	66

GRCA Launches by Subcategory

	<u>Motorized</u>	<u>Non-Motorized</u>	<u>Total</u>
Patrol	0	0	0
Site Restoration/Maintenance	0	5 (100%)	5 (19%)
Educational Outreach	0	2 (100%)	2 (7%)
Cooperative Resource Conservation	0	7 (100%)	7 (26%)
Guide Training Seminar	0	0	0
Inventory/Monitoring	0	1 (100%)	1 (4%)
NPS Research	0	5 (100%)	5 (19%)
Non-NPS Research	0	1 (100%)	1 (4%)
River Rescue Training	0	0	0
Other	3 (50%)	3 (50%)	6 (22%)
Total GRCA Administrative/Science	3 (11%)	24 (89%)	27

Non-Recreational Launches by Month

	<u>Jan '02</u>	<u>Feb '02</u>	<u>Mar '02</u>	<u>Apr '02</u>	<u>May '02</u>	<u>Jun '02</u>
Total Non-Recreational	4 (6%)	6 (9%)	6 (9%)	10 (15%)	6 (9%)	7 (11%)
GRCA Administrative/Science	2 (7%)	3 (11%)	2 (7%)	3 (11%)	3 (11%)	2 (7%)
GCMRC Science	2 (5%)	3 (8%)	4 (11%)	6 (16%)	3 (8%)	5 (13%)
Commercial Crew Training	0	0	0	1 (100%)	0	0
Non-Recreational Motorized	2 (7%)	4 (15%)	3 (11%)	4 (15%)	3 (11%)	3 (11%)
Non-Recreational Non-Motorized	2 (5%)	2 (5%)	3 (8%)	6 (15%)	3 (8%)	4 (10%)
	<u>Jul '02</u>	<u>Aug '02</u>	<u>Sep '02</u>	<u>Oct '02</u>	<u>Nov '02</u>	<u>Dec '02</u>
Total Non-Recreational	4 (6%)	5 (8%)	8 (12%)	6 (9%)	3 (5%)	1 (2%)
GRCA Administrative/Science	1 (4%)	1 (4%)	3 (11%)	3 (11%)	3 (11%)	1 (4%)
GCMRC Science	3 (8%)	4 (11%)	5 (13%)	3 (8%)	0	0
Commercial Crew Training	0	0	0	0	0	0
Non-Recreational Motorized	3 (11%)	2 (7%)	3 (11%)	0	0	0
Non-Recreational Non-Motorized	1 (3%)	3 (8%)	5 (13%)	6 (15%)	3 (8%)	1 (3%)

Launch Information by Season Calendar Year: Jan 1, 2002 - Dec 31, 2002

Primary Season Launches by Sector

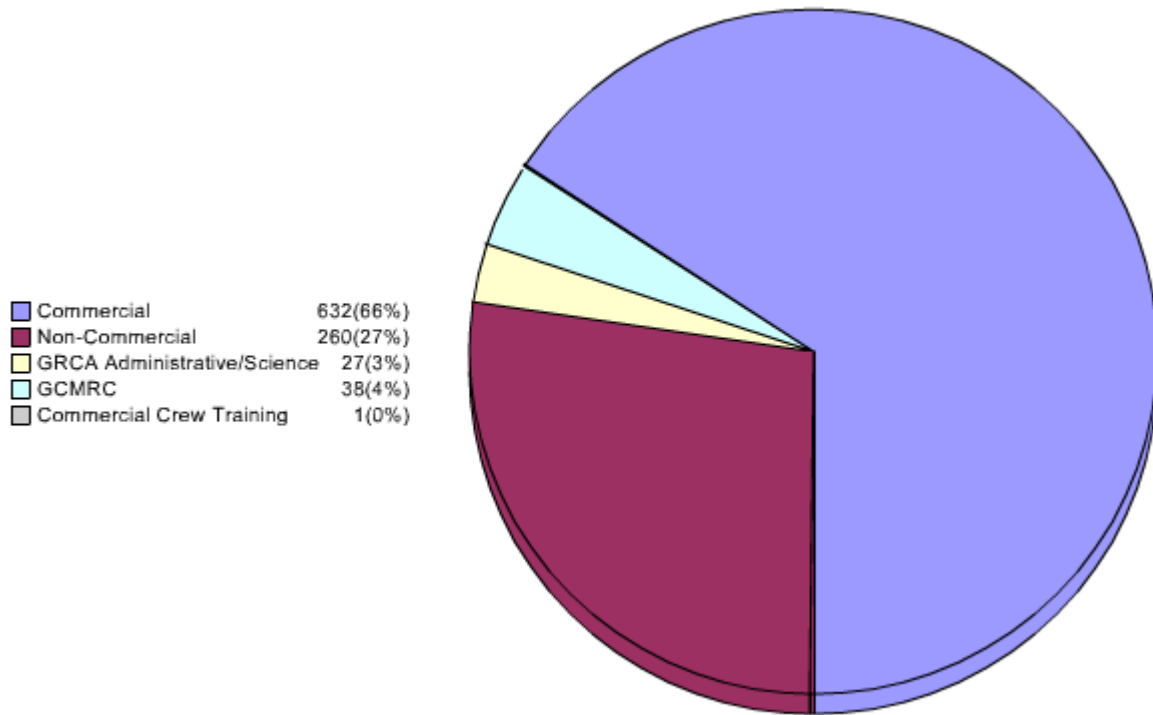
	<u>Primary Season Launches</u>	<u>Percent of Total Launches in Primary Season</u>
Commercial (5/1 to 9/30)	592	94%
Non-Commercial (4/16 to 10/15)	191	73%
Total Primary Season Recreational	783	88%
GRCA Administrative/Science (5/1 to 9/30)	10	37%
GCMRC (5/1 to 9/30)	20	53%
Commercial Crew Training (5/1 to 9/30)	0	
Total Primary Season Non-Recreational	30	45%
Total Primary Season Launches	813	85%

Secondary Season Launches by Sector

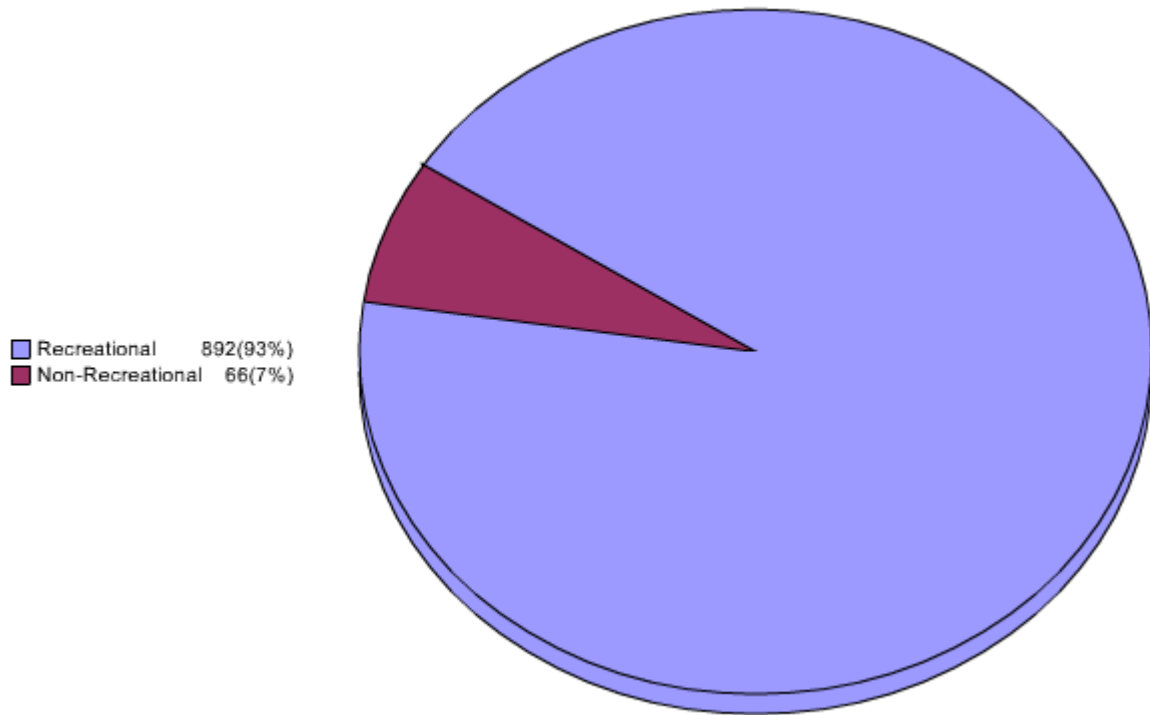
Note: Information in this chart is presented for a calendar year (January - December). To obtain actual primary and secondary season information as defined by NPS regulations, select a "Seasonal Year" data set.

	<u>Secondary Season Launches</u>	<u>Percent of Total Launches in Secondary Season</u>
Commercial (1/1 - 4/30 and 10/1 - 12/31 in the same calendar year)	40	6%
Non-Commercial (1/1 - 4/15 and 10/16 - 12/31 in the same calendar year)	69	27%
Total Secondary Season Recreational	109	12%
GRCA (1/1 - 4/30 and 10/1 - 12/31 in the same calendar year)	17	63%
GCMRC (1/1 - 4/30 and 10/1 - 12/31 in the same calendar year)	18	47%
Commercial Crew Training (1/1 - 4/30 and 10/1 - 12/31 in the same calendar year)	1	100%
Total Secondary Season Non-Recreational	36	55%
Total Secondary Season Launches	145	15%

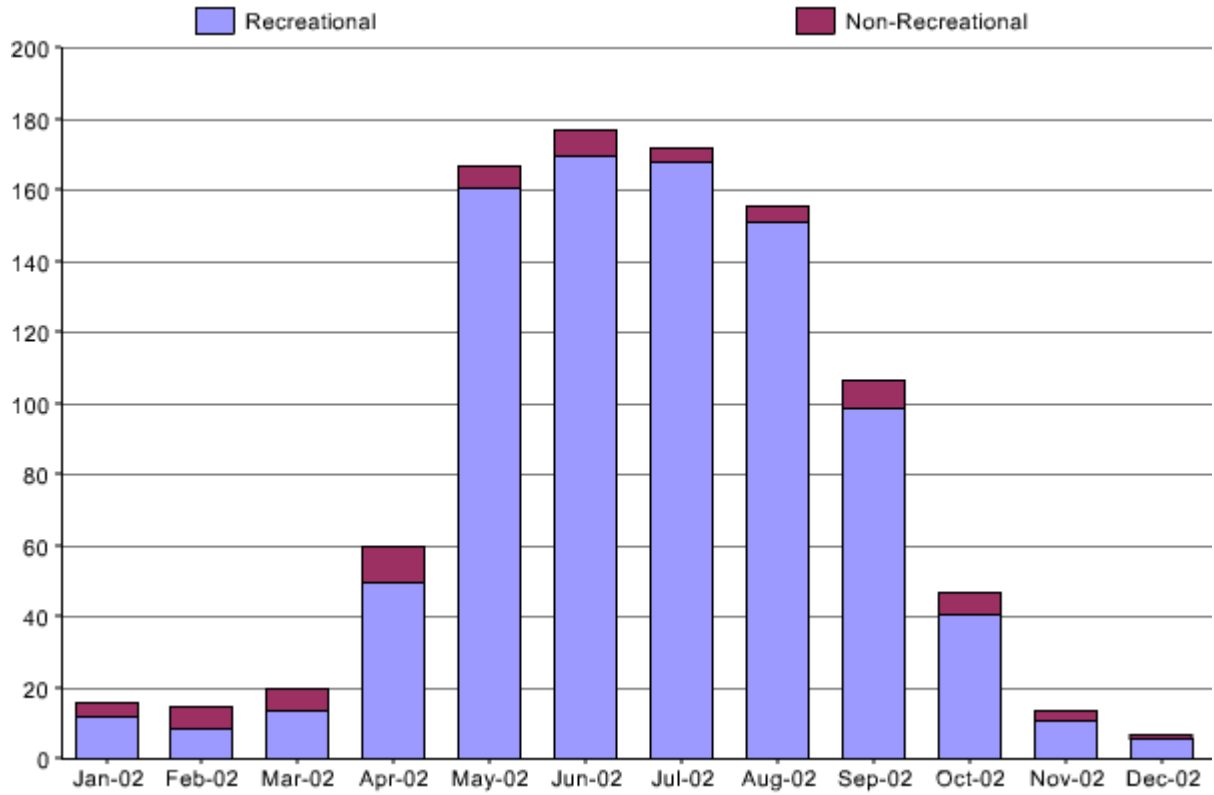
Total Launches by Sector for Calendar Year 2002



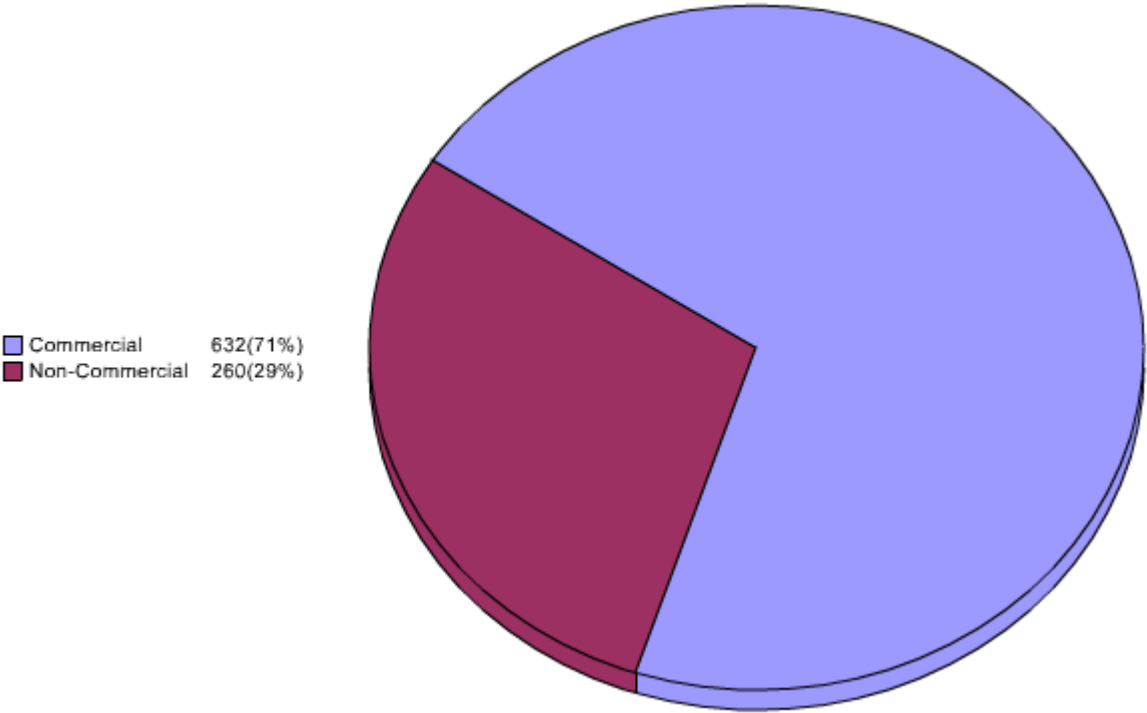
Recreation/Non-Recreational Launches for Calendar Year 2002



Total Launches by Month for Calendar Year 2002



Recreational Launches by Sector for Calendar Year 2002



Total Participant Summary

Calendar Year: Jan 1, 2002 - Dec 31, 2002

Total Participants by Sector

	<u>Motorized</u>	<u>Non-Motorized</u>	<u>Total</u>
Commercial	14,326 (77%)	4,228 (23%)	18,554 (71%)
Non-Commercial	246 (7%)	3,476 (93%)	3,722 (14%)
GRCA Administrative/Science	31 (15%)	172 (85%)	203 (1%)
GCMRC	313 (55%)	261 (45%)	574 (2%)
Commercial Crew	1,730 (60%)	1,175 (40%)	2,905 (11%)
Total Participants	16,646 (64%)	9,312 (36%)	25,958

Recreational/Non-Recreational Participants

	<u>Motorized</u>	<u>Non-Motorized</u>	<u>Total</u>
Recreational	14,572 (65%)	7,704 (35%)	22,276 (86%)
Non-Recreational	2,074 (56%)	1,608 (44%)	3,682 (14%)
Total Participants	16,646 (64%)	9,312 (36%)	25,958

Total Participants by Month

Note: Passengers/Participants are attributed to the month where the launch occurs.

	Jan '02	Feb '02	Mar '02	Apr '02	May '02	Jun '02
Total Participants	162 (1%)	162 (1%)	276 (1%)	1,324 (5%)	4,717 (18%)	5,659 (22%)
Recreational	113 (1%)	91 (0%)	168 (1%)	1,028 (5%)	4,142 (19%)	4,957 (22%)
Non-Recreational	49 (1%)	71 (2%)	108 (3%)	296 (8%)	575 (16%)	702 (19%)
Commercial Passengers	0	0	16 (0%)	627 (3%)	3,566 (19%)	4,469 (24%)
Non-Commercial	113 (3%)	91 (2%)	152 (4%)	401 (11%)	576 (15%)	488 (13%)
Commercial Crew	0	0	6 (0%)	147 (5%)	534 (18%)	627 (22%)
Total Motorized	69 (0%)	56 (0%)	47 (0%)	731 (4%)	3,205 (19%)	4,027 (24%)
Total Non-Motorized	93 (1%)	106 (1%)	229 (2%)	593 (6%)	1,512 (16%)	1,632 (18%)

	Jul '02	Aug '02	Sep '02	Oct '02	Nov '02	Dec '02
Total Participants	5,394 (21%)	4,508 (17%)	2,651 (10%)	897 (3%)	130 (1%)	78 (0%)
Recreational	4,765 (21%)	3,912 (18%)	2,214 (10%)	678 (3%)	130 (1%)	78 (0%)
Non-Recreational	629 (17%)	596 (16%)	437 (12%)	219 (6%)	0	0
Commercial Passengers	4,329 (23%)	3,463 (19%)	1,748 (9%)	336 (2%)	0	0
Non-Commercial	436 (12%)	449 (12%)	466 (13%)	342 (9%)	130 (3%)	78 (2%)
Commercial Crew	594 (20%)	534 (18%)	338 (12%)	125 (4%)	0	0
Total Motorized	4,010 (24%)	3,153 (19%)	1,348 (8%)	0	0	0
Total Non-Motorized	1,384 (15%)	1,355 (15%)	1,303 (14%)	897 (10%)	130 (1%)	78 (1%)

Recreational Passengers/Participants Calendar Year: Jan 1, 2002 - Dec 31, 2002

Recreational Passengers/Participants by Sector

	<u>Motorized</u>	<u>Non-Motorized</u>	<u>Total</u>
Commercial Passengers	14,326 (77%)	4,228 (23%)	18,554 (83%)
Non-Commercial Participants	246 (7%)	3,476 (93%)	3,722 (17%)
Total Recreational Participants	14,572 (65%)	7,704 (35%)	22,276

Recreational Partial and Full Canyon Trip Participants

Note: Full Canyon totals include all people entering the canyon at Lees Ferry who travel to one of the following final trip departure points: Whitmore, Diamond or Lake Mead. Partial Canyon includes: Lees to Phantom, Phantom down, and Whitmore down.

	<u>Partial Canyon</u>	<u>Full Canyon</u>	<u>Total</u>
Commercial Passengers	7,554 (41%)	11,000 (59%)	18,554 (83%)
Non-Commercial Participants	630 (17%)	3,092 (83%)	3,722 (17%)
Total Recreational Participants	8,184 (37%)	14,092 (63%)	22,276

Recreational Participants by Month

Note: Passengers/Participants are attributed to the month where the launch occurs.

	<u>Jan '02</u>	<u>Feb '02</u>	<u>Mar '02</u>	<u>Apr '02</u>	<u>May '02</u>	<u>Jun '02</u>
Total Recreational	113 (1%)	91 (0%)	168 (1%)	1,028 (5%)	4,142 (19%)	4,957 (22%)
Commercial	0	0	16 (0%)	627 (3%)	3,566 (19%)	4,469 (24%)
Non-Commercial	113 (3%)	91 (2%)	152 (4%)	401 (11%)	576 (15%)	488 (13%)
Commercial Motorized	0	0	0	513 (4%)	2,780 (19%)	3,555 (25%)
Commercial Non-Motorized	0	0	16 (0%)	114 (3%)	786 (19%)	914 (22%)
Non-Commercial Motorized	45 (18%)	1 (0%)	18 (7%)	54 (22%)	66 (27%)	19 (8%)
Non-Commercial Non-Motorized	68 (2%)	90 (3%)	134 (4%)	347 (10%)	510 (15%)	469 (13%)

	<u>Jul '02</u>	<u>Aug '02</u>	<u>Sep '02</u>	<u>Oct '02</u>	<u>Nov '02</u>	<u>Dec '02</u>
Total Recreational	4,765 (21%)	3,912 (18%)	2,214 (10%)	678 (3%)	130 (1%)	78 (0%)
Commercial	4,329 (23%)	3,463 (19%)	1,748 (9%)	336 (2%)	0	0
Non-Commercial	436 (12%)	449 (12%)	466 (13%)	342 (9%)	130 (3%)	78 (2%)
Commercial Motorized	3,556 (25%)	2,768 (19%)	1,154 (8%)	0	0	0
Commercial Non-Motorized	773 (18%)	695 (16%)	594 (14%)	336 (8%)	0	0
Non-Commercial Motorized	15 (6%)	18 (7%)	10 (4%)	0	0	0
Non-Commercial Non-Motorized	421 (12%)	431 (12%)	456 (13%)	342 (10%)	130 (4%)	78 (2%)

Recreational Passenger/Participant Exchange Summary

	Lees Ferry IN	Phantom OUT	Phantom IN	Other* IN	Other* OUT	Whitmore OUT	Whitmore IN	Diamond OUT	Jetboat OUT	Lake OUT
Commercial	13,067	2,067	1,982	0	0	6,840	3,505	2,233	6,967	447
Non-Commercial	3,393	290	318	11	11	0	0	2,948	0	473
Total	16,460	2,357	2,300	11	11	6,840	3,505	5,181	6,967	920
% of Total	74%	-	10%	0%	-		16%	-	-	-

	<u>Commercial</u>	<u>Non-Commercial</u>	<u>Total</u>
Full Canyon Passengers/Participants (Lees to Whitmore, Diamond, or Lake)	11,000	3,092	14,092
Upper Canyon Passengers/Participants (Lees to Phantom)	2,067	290	2,357
Lower Canyon Passengers/Participants (Phantom down)	1,982	318	2,300
Whitmore Down Passengers (Commercial passengers only)	3,505	n/a	3,505
Other* Partial Canyon Participants (Non-Commercial participants only)	n/a	22	22

Total Recreational Participant Exchanges by Month

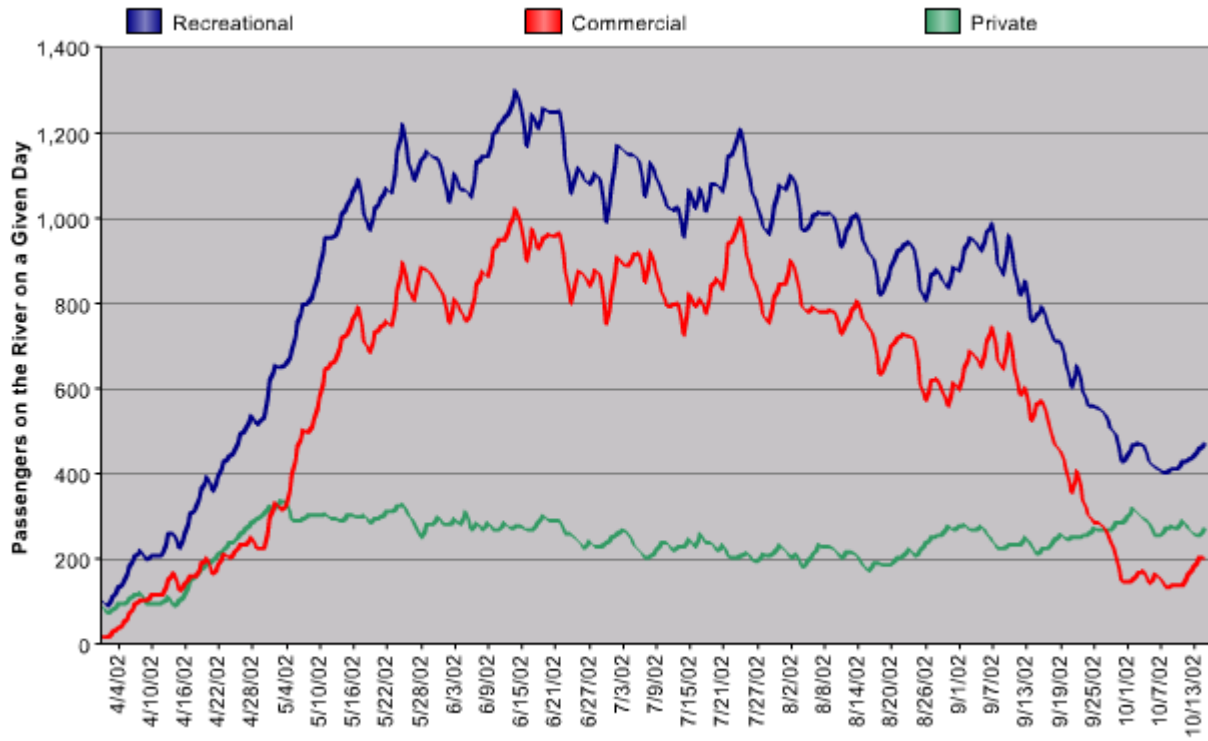
Note: Passengers/Participants are attributed to the month where the launch occurs.

	Lees Ferry IN	Phantom OUT	Phantom IN	Other* IN	Other* OUT	Whitmore OUT	Whitmore IN	Diamond OUT	Jetboat OUT	Lake OUT
Jan '02	111	3	2	0	0	0	0	50	0	60
Feb '02	87	4	4	0	0	0	0	62	0	25
Mar '02	159	15	9	0	0	0	0	94	16	43
Apr '02	797	75	122	1	1	163	108	445	218	126
May '02	3,004	442	470	0	0	1,294	668	866	1,424	116
Jun '02	3,572	484	481	5	5	1,795	899	819	1,678	176
Jul '02	3,411	478	430	0	1	1,700	924	734	1,722	130
Aug '02	2,818	475	465	0	0	1,211	629	724	1,377	125
Sep '02	1,748	258	212	0	3	644	254	740	532	37
Oct '02	568	107	84	3	0	33	23	473	0	65
Nov '02	120	7	10	0	1	0	0	105	0	17
Dec '02	65	9	11	2	0	0	0	69	0	0
Total	16,460	2,357	2,300	11	11	6,840	3,505	5,181	6,967	920

* Non-commercial trip participants exchange at a variety of "other" exchange points in addition to Phantom Ranch listed below:

11.0 Soak Creek	96.7 Boucher
31.6 South Canyon	108.2 Lower Bass
51.0 Nankoweap	133.8 Tapeats
68.4 Tanner	136.2 Deer Creek
76.6 Hance	156.8 Havasu
94.9 Hermit	Other

Recreational Daily Use Intensity - Participants Calendar Year: Jan 1, 2002 - Dec 31, 2002



Non-Recreational Participants Calendar Year: Jan 1, 2002 - Dec 31, 2002

Non-Recreational Participants by Sector

	<u>Motorized</u>	<u>Non-Motorized</u>	<u>Total</u>
GRCA Administrative/Science	31 (15%)	172 (85%)	203 (6%)
GCMRC	313 (55%)	261 (45%)	574 (16%)
Commercial Crew	1,730 (60%)	1,175 (40%)	2,905 (79%)
Total Non-Recreational Participants	2,074 (56%)	1,608 (44%)	3,682

GRCA Participants by Subcategory

	<u>Motorized</u>	<u>Non-Motorized</u>	<u>Total</u>
Patrol	0	0	0
Site Restoration/Maintenance	0	64 (100%)	64 (32%)
Educational Outreach	0	20 (100%)	20 (10%)
Cooperative Resource Conservation	0	47 (100%)	47 (23%)
Guide Training Seminar	0	0	0
Inventory/Monitoring	0	0	0
NPS Research	0	25 (100%)	25 (12%)
Non-NPS Research	0	16 (100%)	16 (8%)
River Rescue Training	0	0	0
Other	31 (100%)	0	31 (15%)
Total GRCA Administrative/Science	31 (15%)	172 (85%)	203

Non-Recreational Participants by Month

Note: Passengers/Participants are attributed to the month where the launch occurs.

	Jan '02	Feb '02	Mar '02	Apr '02	May '02	Jun '02
Total Non-Recreational	49 (1%)	71 (2%)	108 (3%)	296 (8%)	575 (16%)	702 (19%)
GRCA Administrative/Science	27 (13%)	32 (16%)	47 (23%)	25 (12%)	0	0
GCMRC	22 (4%)	39 (7%)	55 (10%)	124 (22%)	41 (7%)	75 (13%)
Commercial Crew	0	0	6 (0%)	147 (5%)	534 (18%)	627 (22%)
Non-Recreational Motorized	24 (1%)	55 (3%)	29 (1%)	164 (8%)	359 (17%)	453 (22%)
Non-Recreational Non-Motorized	25 (2%)	16 (1%)	79 (5%)	132 (8%)	216 (13%)	249 (15%)

	Jul '02	Aug '02	Sep '02	Oct '02	Nov '02	Dec '02
Total Non-Recreational	629 (17%)	596 (16%)	437 (12%)	219 (6%)	0	0
GRCA Administrative/Science	0	0	16 (8%)	56 (28%)	0	0
GCMRC	35 (6%)	62 (11%)	83 (14%)	38 (7%)	0	0
Commercial Crew	594 (20%)	534 (18%)	338 (12%)	125 (4%)	0	0
Non-Recreational Motorized	439 (21%)	367 (18%)	184 (9%)	0	0	0
Non-Recreational Non-Motorized	190 (12%)	229 (14%)	253 (16%)	219 (14%)	0	0

Commercial Passengers Calendar Year: Jan 1, 2002 - Dec 31, 2002

Passengers by Concessioner

	<u>Motorized</u>	<u>Non-Motorized</u>	<u>Total</u>
ARIZONA RAFT ADVENTURES, INC.	245 (21%)	906 (79%)	1,151 (6%)
ARIZONA RIVER RUNNERS, INC.	2,516 (96%)	116 (4%)	2,632 (14%)
CANYON EXPEDITIONS, INC.	0	280 (100%)	280 (2%)
CANYON EXPLORATIONS INC.	0	396 (100%)	396 (2%)
CANYONEERS, INC.	937 (99%)	9 (1%)	946 (5%)
COLORADO RIVER & TRAIL EXPEDITIONS, INC	368 (93%)	28 (7%)	396 (2%)
DIAMOND RIVER ADVENTURES, INC	910 (89%)	109 (11%)	1,019 (5%)
GRAND CANYON EXPEDITIONS COMPANY	1,513 (95%)	75 (5%)	1,588 (9%)
HATCH RIVER EXPEDITIONS, INC.	1,447 (100%)	0	1,447 (8%)
HIGH DESERT ADVENTURES, INC.	248 (59%)	175 (41%)	423 (2%)
MOKI MAC RIVER EXPEDITIONS, INC.	192 (44%)	246 (56%)	438 (2%)
O.A.R.S., INC.	0	895 (100%)	895 (5%)
OUTDOORS UNLIMITED	0	636 (100%)	636 (3%)
TOUR WEST, INC.	774 (90%)	86 (10%)	860 (5%)
WESTERN RIVER EXPEDITIONS, INC.	4,001 (100%)	0	4,001 (22%)
WILDERNESS RIVER ADVENTURES	1,175 (81%)	271 (19%)	1,446 (8%)
Total Commercial Passengers	14,326 (77%)	4,228 (23%)	18,554

Full and Partial Trip Commercial Passengers

Note: Full Canyon totals include all people entering the canyon at Lees Ferry who travel to one of the following final trip departure points: Whitmore, Diamond or Lake Mead.

	<u>Full Canyon</u>	<u>Upper Canyon</u>	<u>Lower Canyon</u>	<u>Whitmore Down</u>	<u>Total</u>
ARIZONA RAFT ADVENTURES, INC.	562 (49%)	296 (26%)	293 (25%)	0	1,151 (6%)
ARIZONA RIVER RUNNERS, INC.	1,502 (57%)	39 (1%)	66 (3%)	1,025 (39%)	2,632 (14%)
CANYON EXPEDITIONS, INC.	88 (31%)	103 (37%)	89 (32%)	0	280 (2%)
CANYON EXPLORATIONS INC.	188 (47%)	111 (28%)	97 (24%)	0	396 (2%)
CANYONEERS, INC.	451 (48%)	241 (25%)	254 (27%)	0	946 (5%)
COLORADO RIVER & TRAIL EXPEDITIONS, INC	339 (86%)	32 (8%)	25 (6%)	0	396 (2%)
DIAMOND RIVER ADVENTURES, INC	686 (67%)	159 (16%)	174 (17%)	0	1,019 (5%)
GRAND CANYON EXPEDITIONS COMPANY	1,588 (100%)	0	0	0	1,588 (9%)
HATCH RIVER EXPEDITIONS, INC.	1,402 (97%)	15 (1%)	30 (2%)	0	1,447 (8%)
HIGH DESERT ADVENTURES, INC.	269 (64%)	78 (18%)	76 (18%)	0	423 (2%)
MOKI MAC RIVER EXPEDITIONS, INC.	298 (68%)	82 (19%)	58 (13%)	0	438 (2%)
O.A.R.S., INC.	245 (27%)	236 (26%)	234 (26%)	180 (20%)	895 (5%)
OUTDOORS UNLIMITED	116 (18%)	283 (44%)	237 (37%)	0	636 (3%)
TOUR WEST, INC.	566 (66%)	0	13 (2%)	281 (33%)	860 (5%)
WESTERN RIVER EXPEDITIONS, INC.	1,982 (50%)	0	0	2,019 (50%)	4,001 (22%)
WILDERNESS RIVER ADVENTURES	718 (50%)	392 (27%)	336 (23%)	0	1,446 (8%)
Total Commercial Passengers	11,000 (59%)	2,067 (11%)	1,982 (11%)	3,505 (19%)	18,554

Commercial Passenger Exchanges by Month

Note: Passengers/Participants are attributed to the month where the launch occurs.

	Lees Ferry IN	Phantom OUT	Phantom IN	Whitmore OUT	Whitmore IN	Diamond OUT	Jetboat OUT	Lake OUT
Jan '02	0	0	0	0	0	0	0	0
Feb '02	0	0	0	0	0	0	0	0
Mar '02	16	0	0	0	0	0	16	0
Apr '02	442	37	77	163	108	127	218	82
May '02	2,485	389	413	1,294	668	376	1,424	83
Jun '02	3,126	453	444	1,795	899	423	1,678	120
Jul '02	3,011	443	394	1,700	924	372	1,722	92
Aug '02	2,413	441	421	1,211	629	377	1,377	57
Sep '02	1,319	220	175	644	254	339	532	13
Oct '02	255	84	58	33	23	219	0	0
Nov '02	0	0	0	0	0	0	0	0
Dec '02	0	0	0	0	0	0	0	0
Total	13,067	2,067	1,982	6,840	3,505	2,233	6,967	447

Commercial Passenger Exchanges by Concessioner

	Lees Ferry IN	Phantom OUT	Phantom IN	Whitmore OUT	Whitmore IN	Diamond OUT	Jetboat OUT	Lake OUT
ARIZONA RAFT ADVENTURES, INC.	858	296	293	0	0	855	0	0
ARIZONA RIVER RUNNERS, INC.	1,541	39	66	1,221	1,025	99	1,244	29
CANYON EXPEDITIONS, INC.	191	103	89	0	0	177	0	0
CANYON EXPLORATIONS INC.	299	111	97	0	0	285	0	0
CANYONEERS, INC.	692	241	254	0	0	0	705	0
COLORADO RIVER & TRAIL EXPEDITIONS, INC	371	32	25	29	0	18	0	317
DIAMOND RIVER ADVENTURES, INC	845	159	174	472	0	388	0	0
GRAND CANYON EXPEDITIONS COMPANY	1,588	0	0	0	0	0	1,588	0
HATCH RIVER EXPEDITIONS, INC.	1,417	15	30	1,298	0	33	51	50
HIGH DESERT ADVENTURES, INC.	347	78	76	20	0	63	223	39
MOKI MAC RIVER EXPEDITIONS, INC.	380	82	58	0	0	61	289	6
O.A.R.S., INC.	481	236	234	235	180	192	232	0
OUTDOORS UNLIMITED	399	283	237	0	0	25	328	0
TOUR WEST, INC.	566	0	13	535	281	37	282	6
WESTERN RIVER EXPEDITIONS, INC.	1,982	0	0	1,976	2,019	0	2,025	0
WILDERNESS RIVER ADVENTURES	1,110	392	336	1,054	0	0	0	0
Total	13,067	2,067	1,982	6,840	3,505	2,233	6,967	447
% of Total	70%	-	11%	-	19%	-	-	-

Total Full Canyon Passengers (Lees to Whitmore, Diamond, or Lake Mead)

11,000

Total Upper Canyon Passengers (Lees to Phantom)

2,067

Total Lower Canyon Passengers (Phantom Down)

1,982

Total Whitmore Down Passengers

3,505

Commercial Passengers by Month

Note: Passengers/Participants are attributed to the month where the launch occurs.

	Jan '02	Feb '02	Mar '02	Apr '02	May '02	Jun '02
Total Commercial	0	0	16 (0%)	627 (3%)	3,566 (19%)	4,469 (24%)
Motorized	0	0	0	513 (4%)	2,780 (19%)	3,555 (25%)
Non-Motorized	0	0	16 (0%)	114 (3%)	786 (19%)	914 (22%)
Full Canyon Trip	0	0	16 (0%)	405 (4%)	2,096 (19%)	2,673 (24%)
Upper Canyon Trip	0	0	0	37 (2%)	389 (19%)	453 (22%)
Lower Canyon Trip	0	0	0	77 (4%)	413 (21%)	444 (22%)
Whitmore Down Trip	0	0	0	108 (3%)	668 (19%)	899 (26%)

	Jul '02	Aug '02	Sep '02	Oct '02	Nov '02	Dec '02
Total Commercial	4,329 (23%)	3,463 (19%)	1,748 (9%)	336 (2%)	0	0
Motorized	3,556 (25%)	2,768 (19%)	1,154 (8%)	0	0	0
Non-Motorized	773 (18%)	695 (16%)	594 (14%)	336 (8%)	0	0
Full Canyon Trip	2,568 (23%)	1,972 (18%)	1,099 (10%)	171 (2%)	0	0
Upper Canyon Trip	443 (21%)	441 (21%)	220 (11%)	84 (4%)	0	0
Lower Canyon Trip	394 (20%)	421 (21%)	175 (9%)	58 (3%)	0	0
Whitmore Down Trip	924 (26%)	629 (18%)	254 (7%)	23 (1%)	0	0

Passengers with Disabilities Accommodated on Commercial Trips

Type of Disabilities	Number of Passengers
ARTHRITIS	67
ASTHMA	117
CANCER	1
CEREBRAL PALSEY	6
COGNITIVE (AUTISM, ADDH, ETC.)	2
CROHN'S DISEASE	2
CYSTIC FIBROSIS	3
DEVELOPMENTAL (DOWN'S, ETC.)	2
DIABETES	79
EPILEPSY	9
FRIEDRIECH'S ATAXIA	1
HEAD INJURIES	3
HEARING IMPAIRMENTS	33
HIV/AIDS	6
LIMB AMPUTATIONS	6
MULTIPLE SCLEROSIS	3
PARAPLEGIC	6
PARKINSON'S DISEASE	2
SPINA BIFIDA	2
SPINAL CORD INJURY	2
STROKE	1
VISUAL IMPAIRMENTS	9
OTHER	87
2 ARTIFICIAL HIPS	1
ADD	1
ADHD	1

ADHD/PTSD	1
ANGINA	5
ARTERIAL FIBRILLATION	1
AUTISTIC	1
BILATERAL HIP REPLACEMENT	1
BLEEDING DISORDER	2
BORN W/ 1 KIDNEY	1
CANCER SURVIVOR-1 KIDNEY	1
CARDIAC ARRHYTHMIA	1
CELIAC DIS	1
CELIAC DISEASE	1
CHEMO PATIENT	1
CHRONIC COLITIS	2
CHRONIC DIARRHEA	1
CHRONIC HYPHOCYTIC LEUKEMIA	1
CHRONIC INTESTINAL DISORDER	1
CHRONIC LOWER BACK PAIN	1
COLITIS	1
COLON POLYPS	1
CORONARY ARTERY DISEASE	1
DEFORMED HAND	1
DEPRESSION	1
DIGESTIVE IMPAIRMENT-DIVERTICULITIS	1
DOWN'S SYNDROME	1
GERD	3
GLAUCOMA	1
GOUT	1
HAND RECONSTRUCTION	1
HAND TREMOR	1
HEART AILMENT	2
HEART ARRHYTHMIA	1
HEART DISEASE-HAS PACEMAKER	1
HEART MURMUR	1
HEART PROBLEMS	1
HEART STINT	1
HEMOPHILIA	1
HEPATITIS C	1
HERNIATED DISCS CHRONIC	1
HERNIATED DISK	1
HIP PROSTHESIS(REPLACEMENT)	1
HYPOGLYCEMIA	3
IBS- INTESTINAL DISORDER	1
INTESTINAL DISORDER	1
LEUKEMIA	1
LIVER PROBLEM	1
LUPUS	1
MIGRAINES	1
MIGRAINES (CONTROLLED BY DAILY MED.)	1
MITRAL VALVE PROLAPSE	1
NO ADRENAL GLANDS	1
ORTHOPEDIC DISORDER	1

OSTEOPENIA	2
PACEMAKER	1
PERNICIOUS ANEMIA	1
POLIO	3
POLYMYOSITIS	1
REFLUX DISEASE	1
RIGHT SHOULDER NONEXISTANT	1
SCHINDLER-OSBORN DISEASE	1
SEIZURE DISORDER	3
SEVERE PEANUT ALLERGY	1
SLEEP APNEA	1
SUBJECT TO SEIZURES	1
SYSTEMIC LUPUS	1
THYROID CANCER	1
ULCERATIVE COLITIS	2
WALKS WITH TWO CANES	1

**Total number of people with disabilities accommodated
on commercial Grand Canyon river trips:**

449

Passenger/Participant Information by Season Calendar Year: Jan 1, 2002 - Dec 31, 2002

Primary Season Participants by Sector

Note: Passengers/Participants are attributed to the season where the launch occurs.

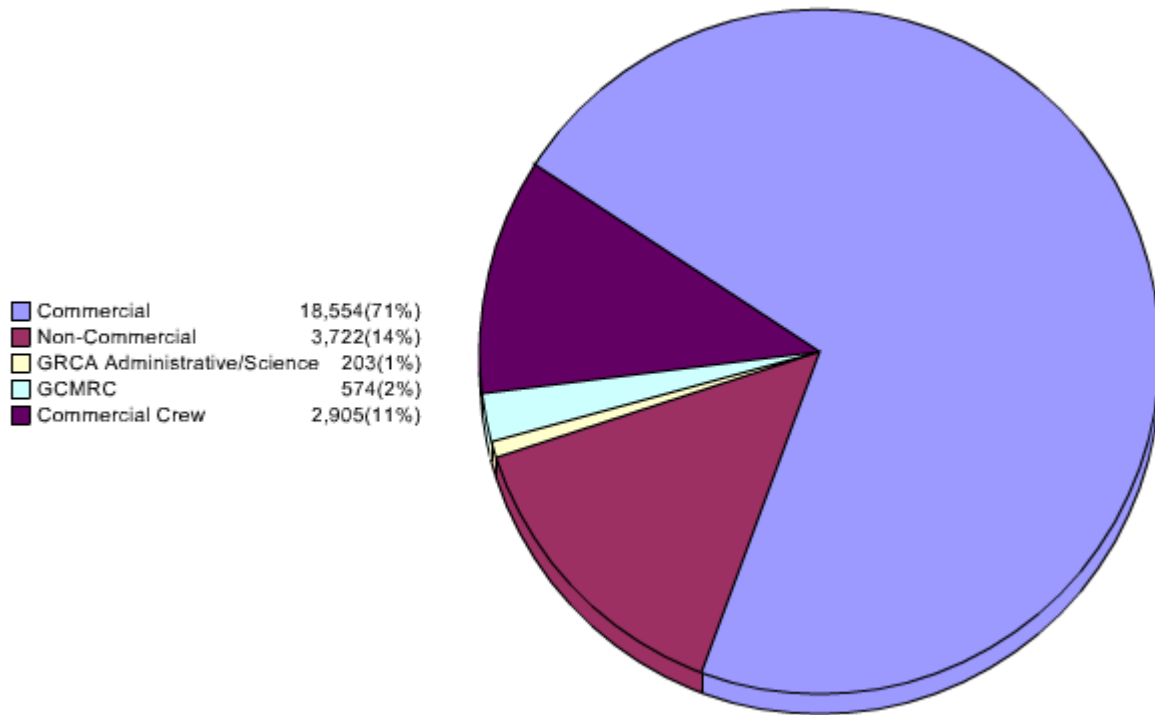
	<u>Primary Season Participants</u>	<u>Percent of Total Participants in Primary Season</u>
Commercial Passengers (5/1 to 9/30)	17,575	95%
Non-Commercial Participants (4/16 to 10/15)	2,939	79%
Total Primary Season Recreational	783	88%
GRCA (5/1 to 9/30)	16	8%
GCMRC (5/1 to 9/30)	296	52%
Commercial Crew (5/1 to 9/30)	2,627	90%
Total Primary Season Non-Recreational	30	45%
Total Primary Season Participants	813	85%

Secondary Season Participants by Sector

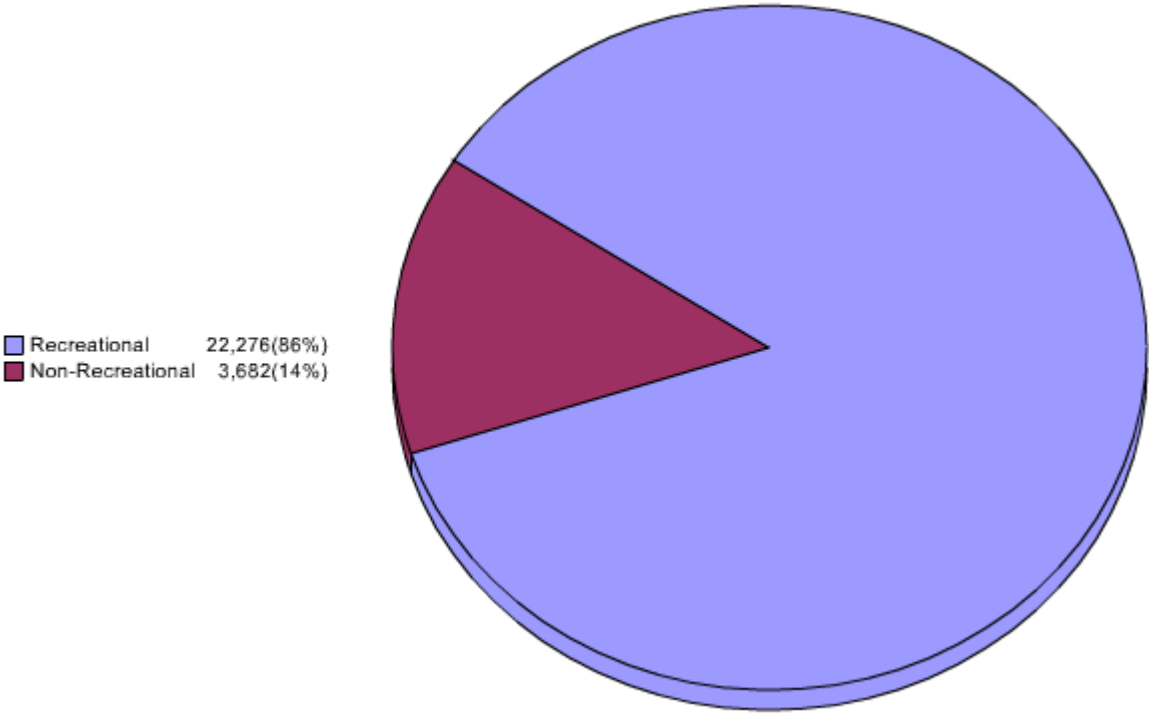
Note: Passengers/Participants are attributed to the season where the launch occurs. Information in this chart is presented for a calendar year (January - December). To obtain actual primary and secondary season information as defined by NPS regulations, select a "Seasonal Year" data set.

	<u>Secondary Season Participants</u>	<u>Percent of Total Participants in Secondary Season</u>
Commercial Passengers (1/1 - 4/30 and 10/1 - 12/31 in the same calendar year)	979	5%
Non-Commercial Participants (1/1 - 4/15 and 10/16 - 12/31 in the same calendar year)	783	21%
Total Secondary Season Recreational	109	12%
GRCA (1/1 - 4/30 and 10/1 - 12/31 in the same calendar year)	187	92%
GCMRC (1/1 - 4/30 and 10/1 - 12/31 in the same calendar year)	278	48%
Commercial Crew (1/1 - 4/30 and 10/1 - 12/31 in the same calendar year)	278	10%
Total Secondary Season Non-Recreational	36	55%
Total Secondary Season Participants	145	15%

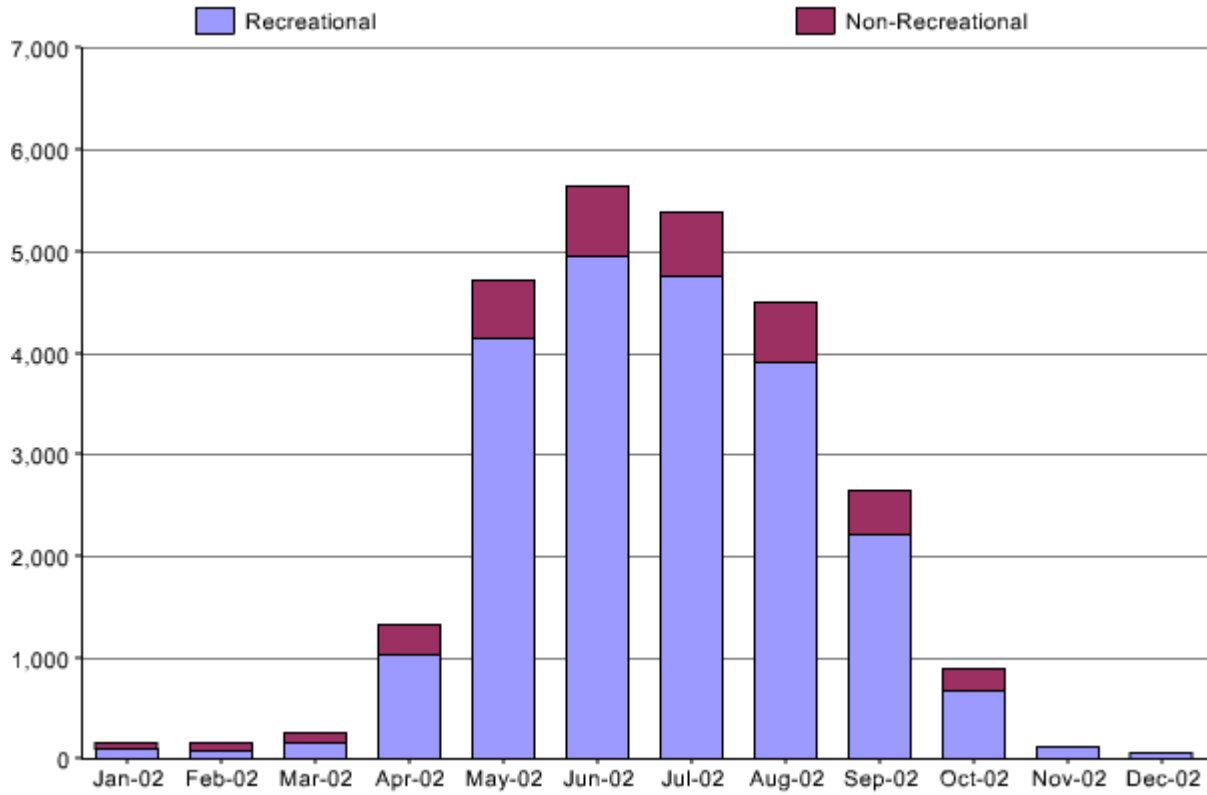
Total Participants by Sector for Calendar Year 2002



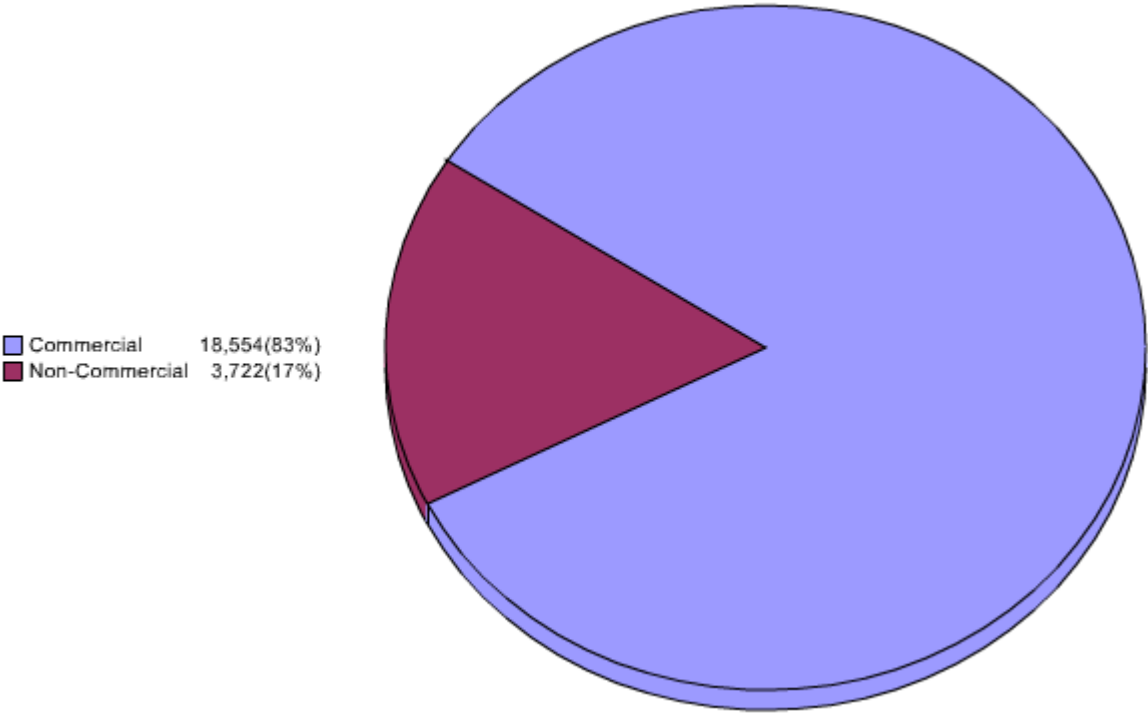
Recreational/Non-Recreational Participants for Calendar Year 2002



Total Participants by Month for Calendar Year 2002



Recreational Participants by Sector for Calendar Year 2002



Total User-Day Summary Calendar Year: Jan 1, 2002 - Dec 31, 2002

Total User-Days by Sector

	<u>Motorized</u>	<u>Non-Motorized</u>	<u>Total</u>
Commercial	75,423 (67%)	37,816 (33%)	113,239 (53%)
Non-Commercial	3,855 (6%)	57,505 (94%)	61,360 (29%)
GRCA Administrative/Science	164 (6%)	2,715 (94%)	2,879 (1%)
GCMRC	3,497 (53%)	3,098 (47%)	6,595 (3%)
Commercial Crew	12,730 (44%)	16,192 (56%)	28,922 (14%)
Total User-Days	95,669 (45%)	117,326 (55%)	212,995

Recreational/Non-Recreational User-Days

	<u>Motorized</u>	<u>Non-Motorized</u>	<u>Total</u>
Recreational	79,278 (45%)	95,321 (55%)	174,599 (82%)
Non-Recreational	16,391 (43%)	22,005 (57%)	38,396 (18%)
Total User-Days	95,669 (45%)	117,326 (55%)	212,995

Total User-Days by Month

Note: User-days are attributed to the month where the launch occurs.

	<u>Jan '02</u>	<u>Feb '02</u>	<u>Mar '02</u>	<u>Apr '02</u>	<u>May '02</u>	<u>Jun '02</u>
Total User-Days	3,061 (1%)	3,025 (1%)	4,156 (2%)	14,654 (7%)	35,636 (17%)	39,933 (19%)
Recreational	2,629 (2%)	2,214 (1%)	2,791 (2%)	11,249 (6%)	30,073 (17%)	33,187 (19%)
Non-Recreational	432 (1%)	811 (2%)	1,365 (4%)	3,405 (9%)	5,563 (14%)	6,746 (18%)
Total Motorized	1,037 (1%)	671 (1%)	561 (1%)	5,432 (6%)	18,344 (19%)	21,881 (23%)
Total Non-Motorized	2,024 (2%)	2,354 (2%)	3,595 (3%)	9,222 (8%)	17,292 (15%)	18,052 (15%)
Recreational Motorized	922 (1%)	30 (0%)	297 (0%)	3,768 (5%)	15,757 (20%)	18,440 (23%)
Recreational Non-Motorized	1,707 (2%)	2,184 (2%)	2,494 (3%)	7,481 (8%)	14,316 (15%)	14,747 (15%)

	<u>Jul '02</u>	<u>Aug '02</u>	<u>Sep '02</u>	<u>Oct '02</u>	<u>Nov '02</u>	<u>Dec '02</u>
Total User-Days	37,117 (17%)	33,612 (16%)	24,945 (12%)	13,121 (6%)	2,205 (1%)	1,530 (1%)
Recreational	31,358 (18%)	27,730 (16%)	19,949 (11%)	9,684 (6%)	2,205 (1%)	1,530 (1%)
Non-Recreational	5,759 (15%)	5,882 (15%)	4,996 (13%)	3,437 (9%)	0	0
Total Motorized	21,708 (23%)	17,938 (19%)	8,097 (8%)	0	0	0
Total Non-Motorized	15,409 (13%)	15,674 (13%)	16,848 (14%)	13,121 (11%)	2,205 (2%)	1,530 (1%)
Recreational Motorized	18,431 (23%)	15,076 (19%)	6,557 (8%)	0	0	0
Recreational Non-Motorized	12,927 (14%)	12,654 (13%)	13,392 (14%)	9,684 (10%)	2,205 (2%)	1,530 (2%)

Recreational User-Days Calendar Year: Jan 1, 2002 - Dec 31, 2002

Recreational User-Days by Sector

	<u>Motorized</u>	<u>Non-Motorized</u>	<u>Total</u>
Commercial	75,423 (67%)	37,816 (33%)	113,239 (65%)
Non-Commercial	3,855 (6%)	57,505 (94%)	61,360 (35%)
Total Recreational User-Days	79,278 (45%)	95,321 (55%)	174,599

Recreational User-Days by Month

Note: User-days are attributed to the month where the launch occurs.

	<u>Jan '02</u>	<u>Feb '02</u>	<u>Mar '02</u>	<u>Apr '02</u>	<u>May '02</u>	<u>Jun '02</u>
Total Recreational	2,629 (2%)	2,214 (1%)	2,791 (2%)	11,249 (6%)	30,073 (17%)	33,187 (19%)
Commercial	0	0	240 (0%)	4,622 (4%)	21,300 (19%)	25,478 (22%)
Non-Commercial	2,629 (4%)	2,214 (4%)	2,551 (4%)	6,627 (11%)	8,773 (14%)	7,709 (13%)
Recreational Motorized	922 (1%)	30 (0%)	297 (0%)	3,768 (5%)	15,757 (20%)	18,440 (23%)
Recreational Non-Motorized	1,707 (2%)	2,184 (2%)	2,494 (3%)	7,481 (8%)	14,316 (15%)	14,747 (15%)
Commercial Motorized	0	0	0	3,012 (4%)	14,873 (20%)	18,158 (24%)
Commercial Non-Motorized	0	0	240 (1%)	1,610 (4%)	6,427 (17%)	7,320 (19%)
Non-Commercial Motorized	922 (24%)	30 (1%)	297 (8%)	756 (20%)	884 (23%)	282 (7%)
Non-Commercial Non-Motorized	1,707 (3%)	2,184 (4%)	2,254 (4%)	5,871 (10%)	7,889 (14%)	7,427 (13%)

	<u>Jul '02</u>	<u>Aug '02</u>	<u>Sep '02</u>	<u>Oct '02</u>	<u>Nov '02</u>	<u>Dec '02</u>
Total Recreational	31,358 (18%)	27,730 (16%)	19,949 (11%)	9,684 (6%)	2,205 (1%)	1,530 (1%)
Commercial	24,597 (22%)	20,676 (18%)	12,523 (11%)	3,803 (3%)	0	0
Non-Commercial	6,761 (11%)	7,054 (11%)	7,426 (12%)	5,881 (10%)	2,205 (4%)	1,530 (2%)
Recreational Motorized	18,431 (23%)	15,076 (19%)	6,557 (8%)	0	0	0
Recreational Non-Motorized	12,927 (14%)	12,654 (13%)	13,392 (14%)	9,684 (10%)	2,205 (2%)	1,530 (2%)
Commercial Motorized	18,206 (24%)	14,788 (20%)	6,386 (8%)	0	0	0
Commercial Non-Motorized	6,391 (17%)	5,888 (16%)	6,137 (16%)	3,803 (10%)	0	0
Non-Commercial Motorized	225 (6%)	288 (7%)	171 (4%)	0	0	0
Non-Commercial Non-Motorized	6,536 (11%)	6,766 (12%)	7,255 (13%)	5,881 (10%)	2,205 (4%)	1,530 (3%)

User-Days by Concessioner

	<u>Motorized</u>	<u>Non-Motorized</u>	<u>Total</u>
ARIZONA RAFT ADVENTURES, INC.	2,035 (20%)	8,286 (80%)	10,321 (9%)
ARIZONA RIVER RUNNERS, INC.	10,110 (91%)	976 (9%)	11,086 (10%)
CANYON EXPEDITIONS, INC.	0	2,974 (100%)	2,974 (3%)
CANYON EXPLORATIONS INC.	0	4,022 (100%)	4,022 (4%)
CANYONEERS, INC.	4,155 (95%)	198 (5%)	4,353 (4%)
COLORADO RIVER & TRAIL EXPEDITIONS, INC	2,637 (93%)	208 (7%)	2,845 (3%)
DIAMOND RIVER ADVENTURES, INC	5,840 (85%)	1,061 (15%)	6,901 (6%)
GRAND CANYON EXPEDITIONS COMPANY	12,099 (92%)	1,007 (8%)	13,106 (12%)
HATCH RIVER EXPEDITIONS, INC.	10,871 (100%)	0	10,871 (10%)
HIGH DESERT ADVENTURES, INC.	1,793 (52%)	1,677 (48%)	3,470 (3%)
MOKI MAC RIVER EXPEDITIONS, INC.	1,447 (40%)	2,204 (60%)	3,651 (3%)
O.A.R.S., INC.	0	7,293 (100%)	7,293 (6%)
OUTDOORS UNLIMITED	0	4,621 (100%)	4,621 (4%)
TOUR WEST, INC.	3,557 (74%)	1,234 (26%)	4,791 (4%)
WESTERN RIVER EXPEDITIONS, INC.	13,990 (100%)	0	13,990 (12%)
WILDERNESS RIVER ADVENTURES	6,889 (77%)	2,055 (23%)	8,944 (8%)
Total Commercial User-Days	75,423 (67%)	37,816 (33%)	113,239

Non-Recreational User-Days Calendar Year: Jan 1, 2002 - Dec 31, 2002

Non-Recreational User-Days by Sector

	<u>Motorized</u>	<u>Non-Motorized</u>	<u>Total</u>
GRCA Administrative/Science	164 (6%)	2,715 (94%)	2,879 (7%)
GCMRC	3,497 (53%)	3,098 (47%)	6,595 (17%)
Commercial Crew	12,730 (44%)	16,192 (56%)	28,922 (75%)
Total Non-Recreational User-Days	16,391 (43%)	22,005 (57%)	38,396

GRCA User-Days by Subcategory

	<u>Motorized</u>	<u>Non-Motorized</u>	<u>Total</u>
Patrol	0	0	0
Site Restoration/Maintenance	0	1,110 (100%)	1,110 (39%)
Educational Outreach	0	340 (100%)	340 (12%)
Cooperative Resource Conservation	0	681 (100%)	681 (24%)
Guide Training Seminar	0	0	0
Inventory/Monitoring	0	0	0
NPS Research	0	328 (100%)	328 (11%)
Non-NPS Research	0	256 (100%)	256 (9%)
River Rescue Training	0	0	0
Other	164 (100%)	0	164 (6%)
Total GRCA Administrative/Science	164 (6%)	2,715 (94%)	2,879

Non-Recreational User-Days by Month

Note: User-days are attributed to the month where the launch occurs.

	<u>Jan '02</u>	<u>Feb '02</u>	<u>Mar '02</u>	<u>Apr '02</u>	<u>May '02</u>	<u>Jun '02</u>
Total Non-Recreational	432 (1%)	811 (2%)	1,365 (4%)	3,405 (9%)	5,563 (14%)	6,746 (18%)
GRCA Administrative/Science	275 (10%)	271 (9%)	681 (24%)	328 (11%)	0	0
GCMRC	157 (2%)	540 (8%)	564 (9%)	1,371 (21%)	449 (7%)	1,041 (16%)
Commercial Crew	0	0	120 (0%)	1,706 (6%)	5,114 (18%)	5,705 (20%)
Non-Recreational Motorized	115 (1%)	641 (4%)	264 (2%)	1,664 (10%)	2,587 (16%)	3,441 (21%)
Non-Recreational Non-Motorized	317 (1%)	170 (1%)	1,101 (5%)	1,741 (8%)	2,976 (14%)	3,305 (15%)

	<u>Jul '02</u>	<u>Aug '02</u>	<u>Sep '02</u>	<u>Oct '02</u>	<u>Nov '02</u>	<u>Dec '02</u>
Total Non-Recreational	5,759 (15%)	5,882 (15%)	4,996 (13%)	3,437 (9%)	0	0
GRCA Administrative/Science	0	0	256 (9%)	1,068 (37%)	0	0
GCMRC	360 (5%)	715 (11%)	969 (15%)	429 (7%)	0	0
Commercial Crew	5,399 (19%)	5,167 (18%)	3,771 (13%)	1,940 (7%)	0	0
Non-Recreational Motorized	3,277 (20%)	2,862 (17%)	1,540 (9%)	0	0	0
Non-Recreational Non-Motorized	2,482 (11%)	3,020 (14%)	3,456 (16%)	3,437 (16%)	0	0

Commercial User-Days Calendar Year: Jan 1, 2002 - Dec 31, 2002

User-Days by Concessioner

	<u>Motorized</u>	<u>Non-Motorized</u>	<u>Total</u>
ARIZONA RAFT ADVENTURES, INC.	2,035 (20%)	8,286 (80%)	10,321 (9%)
ARIZONA RIVER RUNNERS, INC.	10,110 (91%)	976 (9%)	11,086 (10%)
CANYON EXPEDITIONS, INC.	0	2,974 (100%)	2,974 (3%)
CANYON EXPLORATIONS INC.	0	4,022 (100%)	4,022 (4%)
CANYONEERS, INC.	4,155 (95%)	198 (5%)	4,353 (4%)
COLORADO RIVER & TRAIL EXPEDITIONS, INC	2,637 (93%)	208 (7%)	2,845 (3%)
DIAMOND RIVER ADVENTURES, INC	5,840 (85%)	1,061 (15%)	6,901 (6%)
GRAND CANYON EXPEDITIONS COMPANY	12,099 (92%)	1,007 (8%)	13,106 (12%)
HATCH RIVER EXPEDITIONS, INC.	10,871 (100%)	0	10,871 (10%)
HIGH DESERT ADVENTURES, INC.	1,793 (52%)	1,677 (48%)	3,470 (3%)
MOKI MAC RIVER EXPEDITIONS, INC.	1,447 (40%)	2,204 (60%)	3,651 (3%)
O.A.R.S., INC.	0	7,293 (100%)	7,293 (6%)
OUTDOORS UNLIMITED	0	4,621 (100%)	4,621 (4%)
TOUR WEST, INC.	3,557 (74%)	1,234 (26%)	4,791 (4%)
WESTERN RIVER EXPEDITIONS, INC.	13,990 (100%)	0	13,990 (12%)
WILDERNESS RIVER ADVENTURES	6,889 (77%)	2,055 (23%)	8,944 (8%)
Total Commercial User-Days	75,423 (67%)	37,816 (33%)	113,239

Primary Season Allocation and Actual Use by Concessioner

	<u>Primary Season Allocation</u>	<u>Primary Season Actual Use</u>	<u>Percent of Allocation Used</u>	<u>User-Days Under/Over Allocation</u>
ARIZONA RAFT ADVENTURES, INC.	9,782 (9%)	9,765 (9%)	100%	- 17
ARIZONA RIVER RUNNERS, INC.	10,413 (10%)	10,380 (10%)	100%	- 33
CANYON EXPEDITIONS, INC.	2,325 (2%)	2,309 (2%)	99%	- 16
CANYON EXPLORATIONS INC.	3,720 (4%)	3,708 (4%)	100%	- 12
CANYONEERS, INC.	4,060 (4%)	4,059 (4%)	100%	- 1
COLORADO RIVER & TRAIL EXPEDITIONS, INC	2,500 (2%)	2,501 (2%)	100%	+ 1
DIAMOND RIVER ADVENTURES, INC	6,860 (6%)	6,564 (6%)	96%	- 296
GRAND CANYON EXPEDITIONS COMPANY	13,257 (12%)	12,543 (12%)	95%	- 714
HATCH RIVER EXPEDITIONS, INC.	10,656 (10%)	10,586 (10%)	99%	- 70
HIGH DESERT ADVENTURES, INC.	2,980 (3%)	2,974 (3%)	100%	- 6
MOKI MAC RIVER EXPEDITIONS, INC.	3,350 (3%)	3,351 (3%)	100%	+ 1
O.A.R.S., INC.	4,912 (5%)	4,864 (5%)	99%	- 48
OUTDOORS UNLIMITED	4,478 (4%)	4,468 (4%)	100%	- 10
TOUR WEST, INC.	4,480 (4%)	4,483 (4%)	100%	+ 3
WESTERN RIVER EXPEDITIONS, INC.	13,251 (12%)	13,242 (13%)	100%	- 9
WILDERNESS RIVER ADVENTURES	9,132 (9%)	8,777 (8%)	96%	- 355
Total Primary Season User-Days	106,156	104,574	99%	- 1,582

Secondary Season Allocation and Actual Use by Concessioner

	Secondary Season Allocation	Secondary Season Actual Use	Percent of Allocation Used	User-Days Under/Over Allocation
ARIZONA RAFT ADVENTURES, INC.	586 (6%)	556 (6%)	95%	- 30
ARIZONA RIVER RUNNERS, INC.	686 (7%)	706 (8%)	103%	+ 20
CANYON EXPEDITIONS, INC.	635 (7%)	665 (8%)	105%	+ 30
CANYON EXPLORATIONS INC.	343 (4%)	314 (4%)	92%	- 29
CANYONEERS, INC.	343 (4%)	294 (3%)	86%	- 49
COLORADO RIVER & TRAIL EXPEDITIONS, INC	348 (4%)	344 (4%)	99%	- 4
DIAMOND RIVER ADVENTURES, INC	343 (4%)	337 (4%)	98%	- 6
GRAND CANYON EXPEDITIONS COMPANY	710 (8%)	563 (6%)	79%	- 147
HATCH RIVER EXPEDITIONS, INC.	371 (4%)	285 (3%)	77%	- 86
HIGH DESERT ADVENTURES, INC.	343 (4%)	496 (6%)	145%	+ 153
MOKI MAC RIVER EXPEDITIONS, INC.	343 (4%)	300 (3%)	87%	- 43
O.A.R.S., INC.	2,443 (26%)	2,429 (28%)	99%	- 14
OUTDOORS UNLIMITED	343 (4%)	153 (2%)	45%	- 190
TOUR WEST, INC.	343 (4%)	308 (4%)	90%	- 35
WESTERN RIVER EXPEDITIONS, INC.	750 (8%)	748 (9%)	100%	- 2
WILDERNESS RIVER ADVENTURES	414 (4%)	167 (2%)	40%	- 247
Total Secondary Season User-Days	9,344	8,665	93%	- 679

**Use Below Diamond Creek
Calendar Year: Jan 1, 2002 - Dec 31, 2002**

Total User-Days Below Diamond Creek by Sector

	<u>Lees Ferry to Diamond Creek</u>	<u>Below Diamond Creek</u>	<u>Total</u>
Commercial	113,239 (95%)	6,014 (5%)	119,253 (54%)
Non-Commercial	61,360 (98%)	1,471 (2%)	62,831 (28%)
GRCA Administrative/Science	2,879 (100%)	0	2,879 (1%)
GCMRC	6,595 (99%)	38 (1%)	6,633 (3%)
Commercial Crew	28,922 (94%)	1,859 (6%)	30,781 (14%)
Total User-Days	212,995 (96%)	9,382 (4%)	222,377 (100%)

Total Commercial User-Days Below Diamond Creek by Concessioner

	<u>Lees Ferry to Diamond Creek</u>	<u>Below Diamond Creek</u>	<u>Total</u>
ARIZONA RAFT ADVENTURES, INC.	10,321 (100%)	0	10,321 (9%)
ARIZONA RIVER RUNNERS, INC.	11,086 (90%)	1,244 (10%)	12,330 (10%)
CANYON EXPEDITIONS, INC.	2,974 (100%)	0	2,974 (2%)
CANYON EXPLORATIONS INC.	4,022 (100%)	0	4,022 (3%)
CANYONEERS, INC.	4,353 (86%)	705 (14%)	5,058 (4%)
COLORADO RIVER & TRAIL EXPEDITIONS, INC	2,845 (90%)	333 (10%)	3,178 (3%)
DIAMOND RIVER ADVENTURES, INC	6,901 (100%)	0	6,901 (6%)
GRAND CANYON EXPEDITIONS COMPANY	13,106 (99%)	75 (1%)	13,181 (11%)
HATCH RIVER EXPEDITIONS, INC.	10,871 (99%)	65 (1%)	10,936 (9%)
HIGH DESERT ADVENTURES, INC.	3,470 (93%)	262 (7%)	3,732 (3%)
MOKI MAC RIVER EXPEDITIONS, INC.	3,651 (89%)	449 (11%)	4,100 (3%)
O.A.R.S., INC.	7,293 (97%)	232 (3%)	7,525 (6%)
OUTDOORS UNLIMITED	4,621 (94%)	316 (6%)	4,937 (4%)
TOUR WEST, INC.	4,791 (94%)	308 (6%)	5,099 (4%)
WESTERN RIVER EXPEDITIONS, INC.	13,990 (87%)	2,025 (13%)	16,015 (13%)
WILDERNESS RIVER ADVENTURES	8,944 (100%)	0	8,944 (8%)
Total Commercial User-Days	113,239 (95%)	6,014 (5%)	119,253 (54%)

User-Days Below Diamond Creek by Month

Note: User-days are attributed to the month where the launch occurs.

	Jan '02	Feb '02	Mar '02	Apr '02	May '02	Jun '02
Total User-Days	178 (2%)	110 (1%)	150 (2%)	556 (6%)	1,616 (17%)	2,096 (22%)
Commercial	0	0	16 (0%)	293 (5%)	1,187 (20%)	1,505 (25%)
Non-Commercial	172 (12%)	110 (7%)	128 (9%)	128 (9%)	67 (5%)	158 (11%)
GRCA Administrative/Science	0	0	0	0	0	0
GCMRC	6 (16%)	0	0	0	0	0
Commercial Crew	0	0	6 (0%)	135 (7%)	362 (19%)	433 (23%)

	Jul '02	Aug '02	Sep '02	Oct '02	Nov '02	Dec '02
Total User-Days	2,020 (22%)	1,752 (19%)	574 (6%)	246 (3%)	84 (1%)	0
Commercial	1,453 (24%)	1,170 (19%)	390 (6%)	0	0	0
Non-Commercial	142 (10%)	212 (14%)	56 (4%)	214 (15%)	84 (6%)	0
GRCA Administrative/Science	0	0	0	0	0	0
GCMRC	0	0	0	32 (84%)	0	0
Commercial Crew	425 (23%)	370 (20%)	128 (7%)	0	0	0

User-Day Calendar Year Report

Calendar Year: Jan 1, 2002 - Dec 31, 2002

Primary Season User-Days by Sector

Note: User-days are attributed to the season where the launch occurs.

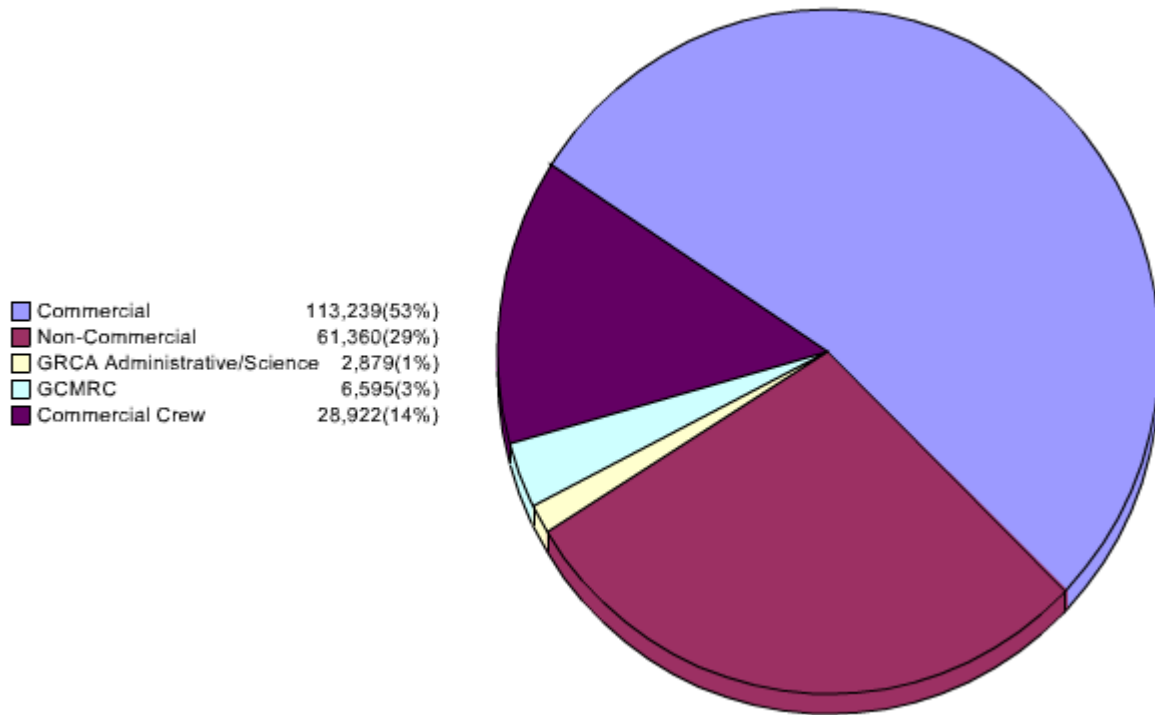
	Primary Season User-Days	Percent of Total User-Days in Primary Season
Commercial (5/1 to 9/30)	592	94%
Non-Commercial 4/16 to 10/15)	191	73%
Total Primary Season Recreational	783	88%
GRCA (5/1 to 9/30)	16	8%
GCMRC (5/1 to 9/30)	296	52%
Commercial Crew (5/1 to 9/30)	2,627	90%
Total Primary Season Non-Recreational	30	45%
Total Primary Season User-Days	813	85%

Secondary Season User-Days by Sector

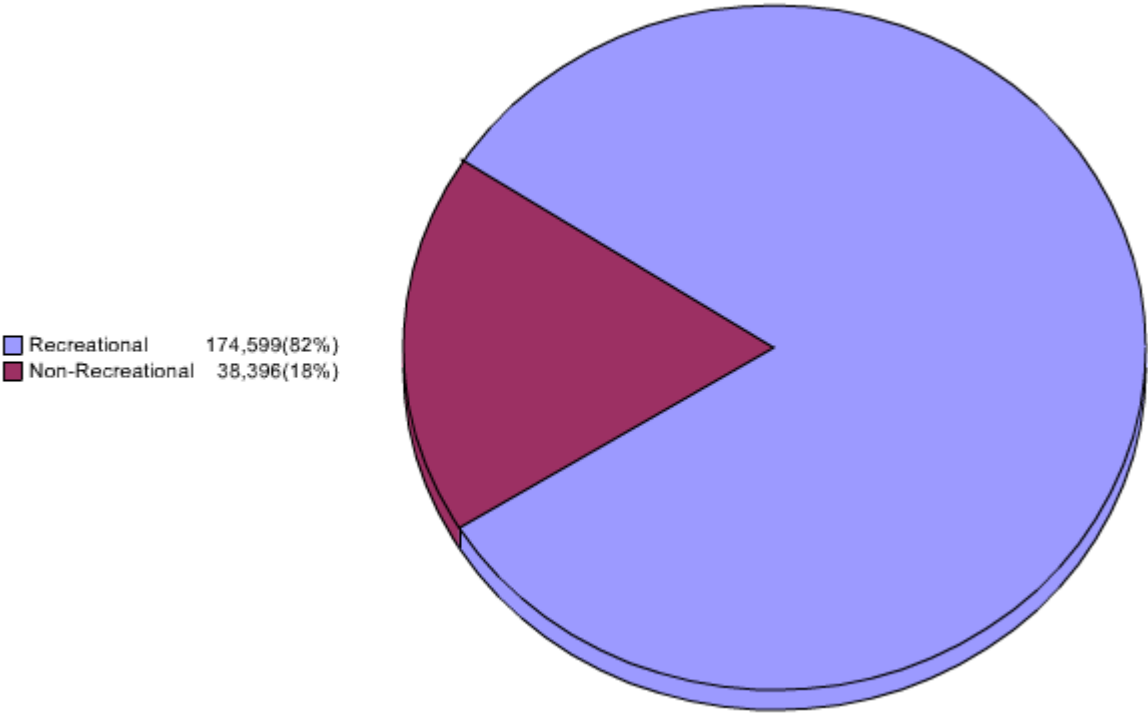
Note: User-days are attributed to the season where the launch occurs. Information in this chart is presented for a calendar year (January - December). To obtain actual primary and secondary season information as defined by NPS regulations, select a "Seasonal Year" data set.

	Secondary Season User-Days	Percent of Total User-Days in Secondary Season
Commercial (1/1 - 4/30 and 10/1 - 12/31 in the same calendar year)	40	6%
Non-Commercial (1/1 - 4/15 and 10/16 - 12/31 in the same calendar year)	69	27%
Total Secondary Season Recreational	109	12%
GRCA (1/1 - 4/30 and 10/1 - 12/31 in the same calendar year)	187	92%
GCMRC (1/1 - 4/30 and 10/1 - 12/31 in the same calendar year)	278	48%
Commercial Crew (1/1 - 4/30 and 10/1 - 12/31 in the same calendar year)	278	10%
Total Secondary Season Non-Recreational	36	55%
Total Secondary Season User-Days	145	15%

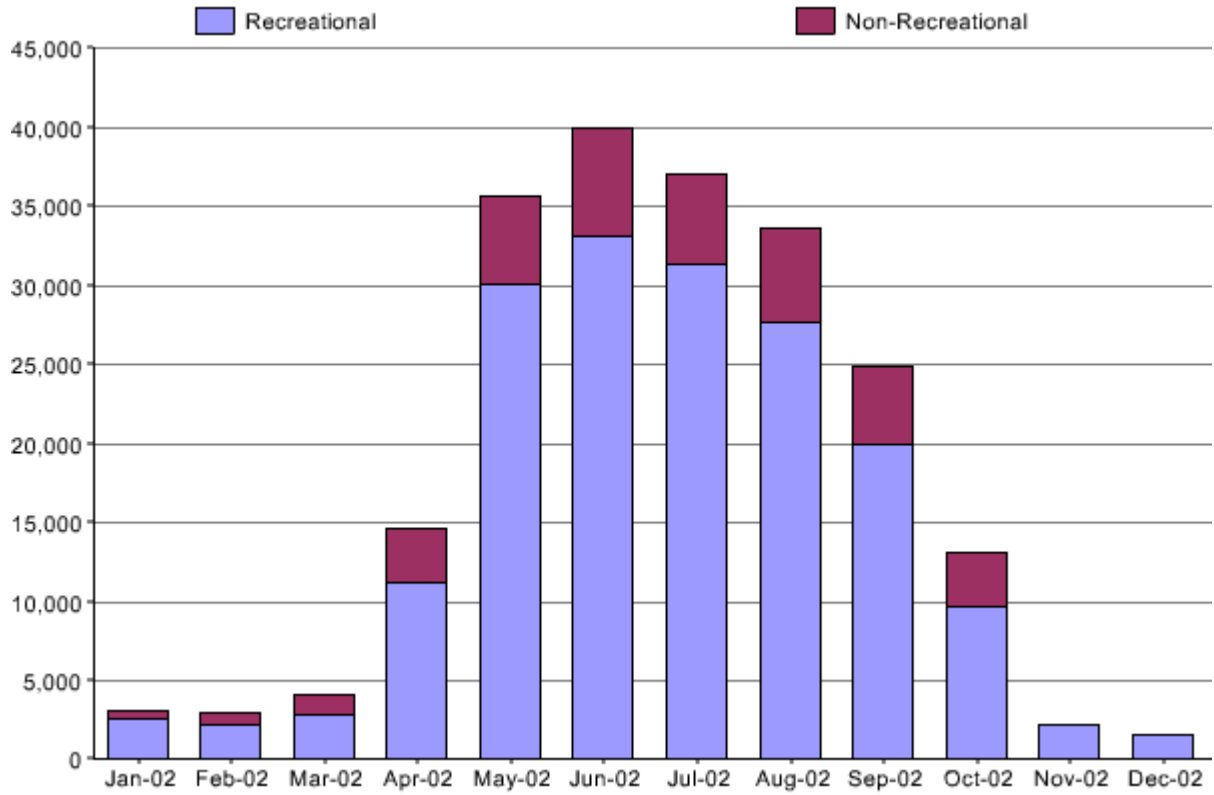
Total User-Days by Sector for Calendar Year 2002



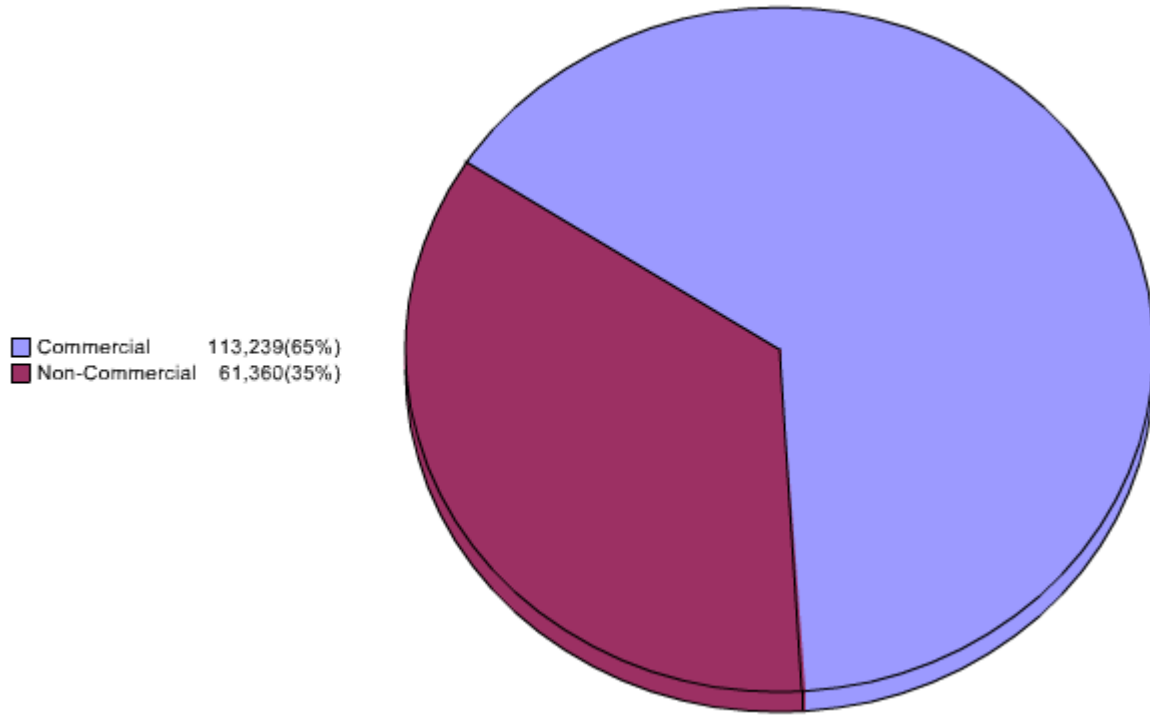
Recreational/Non-Recreational User-Days for Calendar Year 2002



Total User-Days by Month for Calendar Year 2002



Recreational User-Days by Sector for Calendar Year 2002



Recreational Group Size Summary
Calendar Year: Jan 1, 2002 - Dec 31, 2002

Motorized Recreational Group Sizes

Average One-Boat Motorized Recreational Trip Group Size		15
Commercial	15 (203 launches)	
Non-Commercial	12 (12 launches)	
Average Two (or more)-Boat Motorized Recreational Trip Group Size		27
Commercial	28 (269 launches)	
Non-Commercial	13 (7 launches)	

Non-Motorized Recreational Group Sizes

Average Non-Motorized Recreational Trip Group Size		15
Commercial	18 (160 launches)	
Non-Commercial	13 (241 launches)	

Note: Reflects maximum recreational group size on any portion of trip.

**Commercial Group Size Summary
Calendar Year: Jan 1, 2002 - Dec 31, 2002**

Motorized Group Sizes			Non-Motorized Group Sizes		
Number of PAX in Group	Number of Launches	Percent of Total	Number of PAX in Group	Number of Launches	Percent of Total
1	0	-	1	0	-
2	0	-	2	0	-
3	0	-	3	0	-
4	0	-	4	0	-
5	0	-	5	1	0.6%
6	2	0.4%	6	1	0.6%
7	1	0.2%	7	0	-
8	2	0.4%	8	1	0.6%
9	3	0.6%	9	3	1.9%
10	7	1.5%	10	1	0.6%
11	5	1.1%	11	1	0.6%
12	15	3.2%	12	5	3.1%
13	23	4.9%	13	4	2.5%
14	42	8.9%	14	7	4.4%
15	37	7.8%	15	5	3.1%
16	2	0.4%	16	21	13.1%
17	8	1.7%	17	6	3.8%
18	37	7.8%	18	17	10.6%
19	8	1.7%	19	14	8.8%
20	31	6.6%	20	41	25.6%
21	8	1.7%	21	13	8.1%
22	9	1.9%	22	5	3.1%
23	5	1.1%	23	3	1.9%
24	19	4%	24	5	3.1%
25	8	1.7%	25	2	1.3%
26	26	5.5%	26	4	2.5%
27	29	6.1%	27	0	-
28	55	11.7%	28	0	-
29	15	3.2%	29	0	-
30	29	6.1%	30	0	-
31	0	-	31	0	-
32	1	0.2%	32	0	-
33	1	0.2%	33	0	-
34	3	0.6%	34	0	-
35	5	1.1%	35	0	-
36	36	7.6%	36	0	-
Total	472		Total	160	

Average Motor Commercial Group Size:

22

Average Non-Motor Commercial Group Size:

18

Average Total Commercial Group Size:

21

Note: Reflects maximum recreational group size on any portion of trip.

Recreational Trip Option Summary Calendar Year: Jan 1, 2002 - Dec 31, 2002

Number of Recreational Trip Options

Note: These trip totals are not a reflection of total launches.

	<u>Number of Motorized Trip Options</u>	<u>Number of Non-Motorized Trip Options</u>	<u>Total Trip Options</u>
Commercial	58	55	113
Non-Commercial	17	88	105

Motorized Trip Summary

Note: These trip totals are not a reflection of total launches (e.g., Lees to Whitmore and Whitmore Down trips are part of the same launch).

	<u>Lees to Whitmore</u>	<u>Lees to Diamond</u>	<u>Lees to Lake Mead</u>	<u>Whitmore Down</u>
Commercial	265	41	166	134
Non-Commercial	0	13	6	0

Non-Motorized Trip Summary

Note: These trip totals are not a reflection of total launches (e.g., Lees to Whitmore and Whitmore Down trips are part of the same launch).

	<u>Lees to Whitmore</u>	<u>Lees to Diamond</u>	<u>Lees to Lake Mead</u>	<u>Whitmore Down</u>
Commercial	18	88	54	0
Non-Commercial	0	205	36	0

Commercial Trip Exchange Summary

<u>Phantom Only</u>	<u>Phantom & Whitmore</u>	<u>Whitmore Only</u>	<u>Total Exchange Trips</u>	<u>Total Non- Exchange Trips</u>	<u>Total Trips</u>
147 (23%)	21 (3%)	13 (2%)	181	451	632

Non-Commercial Trip Exchange Summary

<u>Phantom Only</u>	<u>Phantom & Other Exchanges</u>	<u>Other Exchanges - Excluding Phantom</u>	<u>Total Exchange Trips</u>	<u>Total Non- Exchange Trips</u>	<u>Total Trips</u>
121 (47%)	3 (1%)	5 (2%)	129	131	260

Types of Recreational Trips

	<u>Oar Trips</u>	<u>Paddle Trips</u>	<u>Dory Trips</u>	<u>Kayak- Only Trips</u>	<u>Non-Motor Hybrid Trips</u>	<u>Motor/ Non-Motor Hybrid Trips</u>	<u>Motor Trips</u>	<u>Total Launches</u>
Commercial	61 (10%)	12 (2%)	20 (3%)	0 (0%)	67 (11%)	4 (1%)	468 (74%)	632
Non-Commercial	147 (57%)	0 (0%)	0 (0%)	3 (1%)	91 (35%)	11 (4%)	8 (3%)	260
Total Trips	208 (23%)	12 (1%)	20 (2%)	3 (0%)	158 (18%)	15 (2%)	476 (53%)	892

Commercial Charter & Disability Support Trip Summary by Concessioner

	<u>Number of General Charter Trips</u>	<u>Number of Specialized Disability Support Trips</u>
ARIZONA RAFT ADVENTURES, INC.	13	0
ARIZONA RIVER RUNNERS, INC.	7	0
CANYON EXPEDITIONS, INC.	1	0
CANYON EXPLORATIONS INC.	3	1
CANYONEERS, INC.	2	0
COLORADO RIVER & TRAIL EXPEDITIONS, INC	4	0
DIAMOND RIVER ADVENTURES, INC	9	1
GRAND CANYON EXPEDITIONS COMPANY	17	0
HATCH RIVER EXPEDITIONS, INC.	50	1
HIGH DESERT ADVENTURES, INC.	8	0
MOKI MAC RIVER EXPEDITIONS, INC.	6	0
O.A.R.S., INC.	4	0
OUTDOORS UNLIMITED	1	0
TOUR WEST, INC.	18	0
WESTERN RIVER EXPEDITIONS, INC.	7	0
WILDERNESS RIVER ADVENTURES	2	0
Total Commercial	152	3

Commercial Trip Option & Exchange Report
Calendar Year: Jan 1, 2002 - Dec 31, 2002

Non-Motorized Trip Options	Launches
10-day oar to diamond whitmore exchange	1
10-day oar to whitmore no exchange > diamond	3
Subtotal 10-day Launches	4
11-day oar to whitmore phantom exchange > diamond	1
Subtotal 11-day Launches	1
12-day oar to whitmore phantom exchange > diamond	1
12-day hybrid to diamond phantom exchange	1
12-day hybrid to whitmore phantom exchange > diamond	1
12-day oar to diamond phantom exchange	1
12-day oar to whitmore no exchange > diamond	2
12-day oar to whitmore phantom exchange > diamond	7
12-day oar w/kayak to whitmore no exchange > diamond	1
Subtotal 12-day Launches	14
13-day hybrid to diamond no exchange	3
13-day hybrid to diamond phantom exchange	13
13-day hybrid to jetboat phantom exchange > lake mead	11
13-day oar to diamond phantom and whitmore exchanges	1
13-day oar to diamond phantom exchange	7
13-day oar to diamond phantom exchange > lake mead	1
13-day oar to jetboat no exchange > lake mead	1
13-day oar to whitmore no exchange > diamond	1
13-day paddle to diamond no exchange	1
13-day paddle to jetboat phantom exchange > lake mead	4
Subtotal 13-day Launches	43
14-day dory to jetboat no exchange > lake mead	4
14-day hybrid to diamond no exchange	4
14-day hybrid to diamond phantom exchange	10
14-day oar to diamond no exchange	2
14-day oar to diamond phantom and whitmore exchanges	2
14-day oar to diamond phantom exchange	3
14-day oar to jetboat no exchange > lake mead	1
14-day oar to jetboat phantom exchange > lake mead	13
14-day oar to whitmore phantom exchange > diamond	1
14-day paddle to diamond phantom exchange	5
Subtotal 14-day Launches	45
15-day hybrid to diamond no exchange	4
15-day hybrid to diamond no exchange > lake mead	1
15-day hybrid to diamond phantom exchange	12
15-day hybrid to jetboat phantom exchange > lake mead	2
15-day hybrid w/kayak to diamond phantom exchange	1
15-day oar to diamond no exchange	1
15-day oar to jetboat phantom and whitmore exchanges > lake mead	4
15-day oar w/kayak to diamond no exchange	1

15-day paddle to diamond phantom exchange	1	
Subtotal 15-day Launches		27
16-day dory to jetboat no exchange > lake mead	2	
16-day dory to jetboat phantom and whitmore exchanges > lake mead	7	
16-day dory to jetboat whitmore exchange > lake mead	1	
16-day hybrid to diamond no exchange	3	
16-day oar to jetboat phantom and whitmore exchanges > lake mead	1	
16-day paddle to diamond phantom exchange	1	
Subtotal 16-day Launches		15
17-day hybrid to diamond no exchange	1	
17-day oar to diamond no exchange	1	
17-day oar to diamond phantom and whitmore exchanges	2	
17-day oar to jetboat phantom and whitmore exchanges > lake mead	1	
Subtotal 17-day Launches		5
18-day dory to diamond no exchange	1	
Subtotal 18-day Launches		1
19-day dory to diamond no exchange	1	
19-day dory to diamond phantom and whitmore exchanges	1	
19-day dory to jetboat phantom and whitmore exchanges > lake mead	1	
Subtotal 19-day Launches		3
22-day dory to diamond no exchange	1	
22-day dory to lake mead no exchange	1	
Subtotal 22-day Launches		2
<hr/>		
Subtotal non-motorized launches		160
55 different non-motorized trip options		

Motorized Trip Options

6-day 1-boat motor to jetboat phantom and whitmore exchanges > lake mead	1	
Subtotal 3-day Launches		1
5-day 1-boat motor to whitmore phantom exchange > lake mead	1	
Subtotal 5-day Launches		1
6-day 1-boat motor to jetboat whitmore exchange > lake mead	47	
6-day 1-boat motor to whitmore no exchange > lake mead	5	
6-day 2-boat motor to jetboat whitmore exchange > lake mead	68	
6-day 2-boat motor to whitmore no exchange > lake mead	1	
Subtotal 6-day Launches		121
7-day 1-boat motor to diamond whitmore exchange	1	
7-day 1-boat motor to jetboat no exchange > lake mead	21	
7-day 1-boat motor to jetboat phantom exchange > lake mead	13	
7-day 1-boat motor to jetboat whitmore exchange > lake mead	1	
7-day 1-boat motor to whitmore no exchange > diamond	3	
7-day 1-boat motor to whitmore no exchange > lake mead	44	
7-day 1-boat motor to whitmore phantom exchange > lake mead	4	
7-day 2-boat motor to diamond phantom exchange	1	
7-day 2-boat motor to diamond phantom exchange > lake mead	1	
7-day 2-boat motor to diamond whitmore exchange	1	

7-day 2-boat motor to jetboat no exchange > lake mead	1	
7-day 2-boat motor to jetboat whitmore exchange > lake mead	26	
7-day 2-boat motor to whitmore no exchange > diamond	14	
7-day 2-boat motor to whitmore no exchange > lake mead	27	
7-day 2-boat motor to whitmore phantom exchange > lake mead	1	
Subtotal 7-day Launches		159
8-day 1-boat motor to diamond no exchange	13	
8-day 1-boat motor to jetboat no exchange > lake mead	28	
8-day 1-boat motor to lake mead no exchange	3	
8-day 1-boat motor to whitmore no exchange > lake mead	5	
8-day 1-boat motor to whitmore phantom exchange > diamond	1	
8-day 2-boat motor to diamond no exchange	6	
8-day 2-boat motor to diamond no exchange > lake mead	1	
8-day 2-boat motor to diamond phantom exchange	8	
8-day 2-boat motor to jetboat no exchange > lake mead	66	
8-day 2-boat motor to lake mead no exchange	8	
8-day 2-boat motor to lake mead phantom exchange	1	
8-day 2-boat motor to whitmore no exchange > diamond	1	
8-day 2-boat motor to whitmore no exchange > lake mead	5	
8-day 2-boat motor to whitmore phantom exchange > lake mead	13	
8-day 3-boat motor to whitmore no exchange > lake mead	4	
Subtotal 8-day Launches		163
9-day 1-boat motor to jetboat no exchange > lake mead	1	
9-day 1-boat motor to lake mead no exchange	1	
9-day 1-boat motor to whitmore no exchange > lake mead	1	
9-day 2-boat motor to diamond no exchange > lake mead	1	
9-day 2-boat motor to lake mead no exchange	1	
9-day 2-boat motor to lake mead phantom exchange	2	
9-day 2-boat motor to whitmore no exchange > lake mead	1	
Subtotal 9-day Launches		8
10-day 1-boat motor to diamond no exchange	3	
10-day 3-boat motor to diamond phantom exchange	1	
10-day hybrid w/kayak to diamond no exchange > lake mead	1	
Subtotal 10-day Launches		5
11-day 2-boat motor to lake mead phantom exchange	1	
11-day 3-boat motor to lake mead no exchange	1	
Subtotal 11-day Launches		2
12-day 1-boat motor to lake mead no exchange	3	
12-day 2-boat motor to lake mead no exchange	1	
12-day 2-boat motor w/kayak to whitmore no exchange > lake mead	1	
12-day 3-boat motor to jetboat no exchange > lake mead	1	
Subtotal 12-day Launches		6
13-day hybrid to diamond phantom exchange	1	
Subtotal 13-day Launches		1
14-day 2-boat motor w/kayak to diamond no exchange	1	
14-day 3-boat motor to lake mead no exchange	1	
14-day hybrid to diamond no exchange	1	
14-day hybrid to jetboat phantom exchange > lake mead	1	
Subtotal 14-day Launches		4
16-day 2-boat motor w/kayak to lake mead no exchange	1	

Subtotal 16-day Launches	1
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Subtotal motorized launches 58 different motorized trip options	472
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Total Commercial Launches 113 different trip options	632
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Commercial Exchange Locations

	Motorized	Non- Motorized	Total Launches
Phantom exchange trips	50	97	147
Whitmore exchange trips	11	2	13
Phantom/Whitmore exchange trips	1	20	21
Non-Exchange trips	410	41	451
Total Commercial Launches	472	160	632

**Non-Commercial Trip Option & Exchange Report
Calendar Year: Jan 1, 2002 - Dec 31, 2002**

Non-Motorized Trip Options	Launches
12-day hybrid w/kayak to diamond no exchange	1
12-day kayak only to diamond no exchange	1
12-day oar w/kayak to diamond no exchange	1
Subtotal 12-day Launches	3
13-day kayak only to diamond no exchange	1
13-day oar to diamond no exchange	1
13-day oar to diamond phantom only exchange	1
Subtotal 13-day Launches	3
14-day hybrid to diamond no exchange	3
14-day hybrid w/kayak to diamond phantom only exchange	1
14-day oar to diamond no exchange	1
14-day oar w/kayak to diamond no exchange	3
14-day oar w/kayak to diamond phantom only exchange	2
Subtotal 14-day Launches	10
15-day hybrid to diamond no exchange	1
15-day hybrid to diamond phantom only exchange	2
15-day hybrid w/kayak to diamond no exchange	1
15-day oar to diamond no exchange	1
15-day oar to diamond phantom only exchange	1
15-day oar w/kayak to diamond no exchange	5
15-day oar w/kayak to diamond phantom only exchange	1
Subtotal 15-day Launches	12
16-day hybrid to diamond no exchange	2
16-day hybrid to diamond phantom only exchange	3
16-day hybrid w/kayak to diamond phantom only exchange	2
16-day oar to diamond no exchange	2
16-day oar to diamond phantom only exchange	1
16-day oar w/kayak to diamond no exchange	1
Subtotal 16-day Launches	11
17-day hybrid to diamond phantom only exchange	1
17-day hybrid w/kayak to diamond no exchange	1
17-day hybrid w/kayak to diamond phantom only exchange	2
17-day oar to diamond no exchange	4
17-day oar to diamond phantom only exchange	1
17-day oar w/kayak to diamond no exchange	2
17-day oar w/kayak to diamond phantom only exchange	1
Subtotal 17-day Launches	12
18-day hybrid to diamond no exchange	8
18-day hybrid to diamond phantom only exchange	13
18-day hybrid w/kayak to diamond no exchange	14
18-day hybrid w/kayak to diamond other exchanges	1
18-day hybrid w/kayak to diamond phantom only exchange	17

18-day hybrid w/kayak to lake mead no exchange	2	
18-day oar to diamond no exchange	14	
18-day oar to diamond phantom only exchange	9	
18-day oar to diamond phantom/other exchanges	1	
18-day oar to lake mead no exchange	1	
18-day oar to lake mead phantom only exchange	1	
18-day oar w/kayak to diamond no exchange	27	
18-day oar w/kayak to diamond other exchanges	1	
18-day oar w/kayak to diamond phantom only exchange	22	
18-day oar w/kayak to lake mead phantom only exchange	1	
Subtotal 18-day Launches		132
19-day oar to diamond phantom only exchange	1	
19-day oar to lake mead no exchange	1	
19-day oar to lake mead phantom only exchange	1	
Subtotal 19-day Launches		3
20-day hybrid w/kayak to diamond other exchanges	1	
20-day oar w/kayak to diamond phantom only exchange	2	
20-day oar w/kayak to lake mead no exchange	1	
20-day oar w/kayak to lake mead phantom only exchange	1	
Subtotal 20-day Launches		5
21-day hybrid to diamond phantom only exchange	2	
21-day hybrid to lake mead phantom only exchange	1	
21-day hybrid w/kayak to diamond phantom only exchange	4	
21-day hybrid w/kayak to lake mead no exchange	1	
21-day hybrid w/kayak to lake mead other exchanges	1	
21-day hybrid w/kayak to lake mead phantom only exchange	1	
21-day kayak only to lake mead no exchange	1	
21-day oar to diamond no exchange	2	
21-day oar to diamond phantom only exchange	2	
21-day oar w/kayak to diamond no exchange	1	
21-day oar w/kayak to diamond phantom only exchange	3	
21-day oar w/kayak to diamond phantom/other exchanges	1	
21-day oar w/kayak to lake mead no exchange	3	
21-day oar w/kayak to lake mead phantom only exchange	3	
Subtotal 21-day Launches		26
22-day hybrid to lake mead no exchange	1	
22-day oar w/kayak to lake mead no exchange	1	
22-day oar w/kayak to lake mead phantom only exchange	1	
Subtotal 22-day Launches		3
23-day hybrid to diamond phantom only exchange	1	
23-day hybrid w/kayak to lake mead no exchange	1	
23-day oar to lake mead no exchange	2	
23-day oar w/kayak to diamond phantom only exchange	1	
Subtotal 23-day Launches		5
24-day oar w/kayak to lake mead phantom only exchange	1	
Subtotal 24-day Launches		1
25-day hybrid to lake mead no exchange	1	
25-day oar w/kayak to lake mead no exchange	1	
25-day oar w/kayak to lake mead phantom only exchange	1	
Subtotal 25-day Launches		3

28-day oar w/kayak to diamond no exchange	1	
Subtotal 28-day Launches		1
30-day oar to diamond other exchanges	1	
30-day oar to diamond phantom only exchange	2	
30-day oar to lake mead no exchange	1	
30-day oar w/kayak to diamond no exchange	2	
30-day oar w/kayak to lake mead no exchange	1	
Subtotal 30-day Launches		7
31-day oar to lake mead no exchange	1	
31-day oar w/kayak to lake mead no exchange	1	
31-day oar w/kayak to lake mead phantom only exchange	1	
Subtotal 31-day Launches		3
34-day hybrid to lake mead phantom only exchange	1	
Subtotal 34-day Launches		1
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Subtotal non-motorized launches		241
88 different non-motorized trip options		

Motorized Trip Options

6-day 1-boat motor to jetboat phantom and whitmore exchanges > lake mead	1	
Subtotal 3-day Launches		1
5-day 1-boat motor to whitmore phantom exchange > lake mead	1	
Subtotal 5-day Launches		1
6-day 1-boat motor to jetboat whitmore exchange > lake mead	47	
6-day 1-boat motor to whitmore no exchange > lake mead	5	
6-day 2-boat motor to jetboat whitmore exchange > lake mead	68	
6-day 2-boat motor to whitmore no exchange > lake mead	1	
Subtotal 6-day Launches		121
7-day 1-boat motor to diamond whitmore exchange	1	
7-day 1-boat motor to jetboat no exchange > lake mead	21	
7-day 1-boat motor to jetboat phantom exchange > lake mead	13	
7-day 1-boat motor to jetboat whitmore exchange > lake mead	1	
7-day 1-boat motor to whitmore no exchange > diamond	3	
7-day 1-boat motor to whitmore no exchange > lake mead	44	
7-day 1-boat motor to whitmore phantom exchange > lake mead	4	
7-day 2-boat motor to diamond phantom exchange	1	
7-day 2-boat motor to diamond phantom exchange > lake mead	1	
7-day 2-boat motor to diamond whitmore exchange	1	
7-day 2-boat motor to jetboat no exchange > lake mead	1	
7-day 2-boat motor to jetboat whitmore exchange > lake mead	26	
7-day 2-boat motor to whitmore no exchange > diamond	14	
7-day 2-boat motor to whitmore no exchange > lake mead	27	
7-day 2-boat motor to whitmore phantom exchange > lake mead	1	
Subtotal 7-day Launches		159
8-day 1-boat motor to diamond no exchange	13	
8-day 1-boat motor to jetboat no exchange > lake mead	28	
8-day 1-boat motor to lake mead no exchange	3	
8-day 1-boat motor to whitmore no exchange > lake mead	5	

8-day 1-boat motor to whitmore phantom exchange > diamond	1	
8-day 2-boat motor to diamond no exchange	6	
8-day 2-boat motor to diamond no exchange > lake mead	1	
8-day 2-boat motor to diamond phantom exchange	8	
8-day 2-boat motor to jetboat no exchange > lake mead	66	
8-day 2-boat motor to lake mead no exchange	8	
8-day 2-boat motor to lake mead phantom exchange	1	
8-day 2-boat motor to whitmore no exchange > diamond	1	
8-day 2-boat motor to whitmore no exchange > lake mead	5	
8-day 2-boat motor to whitmore phantom exchange > lake mead	13	
8-day 3-boat motor to whitmore no exchange > lake mead	4	
Subtotal 8-day Launches		163
9-day 1-boat motor to jetboat no exchange > lake mead	1	
9-day 1-boat motor to lake mead no exchange	1	
9-day 1-boat motor to whitmore no exchange > lake mead	1	
9-day 2-boat motor to diamond no exchange > lake mead	1	
9-day 2-boat motor to lake mead no exchange	1	
9-day 2-boat motor to lake mead phantom exchange	2	
9-day 2-boat motor to whitmore no exchange > lake mead	1	
Subtotal 9-day Launches		8
10-day 1-boat motor to diamond no exchange	3	
10-day 3-boat motor to diamond phantom exchange	1	
10-day hybrid w/kayak to diamond no exchange > lake mead	1	
Subtotal 10-day Launches		5
11-day 2-boat motor to lake mead phantom exchange	1	
11-day 3-boat motor to lake mead no exchange	1	
Subtotal 11-day Launches		2
12-day 1-boat motor to lake mead no exchange	3	
12-day 2-boat motor to lake mead no exchange	1	
12-day 2-boat motor w/kayak to whitmore no exchange > lake mead	1	
12-day 3-boat motor to jetboat no exchange > lake mead	1	
Subtotal 12-day Launches		6
13-day hybrid to diamond phantom exchange	1	
Subtotal 13-day Launches		1
14-day 2-boat motor w/kayak to diamond no exchange	1	
14-day 3-boat motor to lake mead no exchange	1	
14-day hybrid to diamond no exchange	1	
14-day hybrid to jetboat phantom exchange > lake mead	1	
Subtotal 14-day Launches		4
16-day 2-boat motor w/kayak to lake mead no exchange	1	
Subtotal 16-day Launches		1
Subtotal motorized launches		472
58 different motorized trip options		
Total Non-Commercial Launches		713
146 different trip options		

Non-Commercial Exchange Locations

Non- Motorized Motorized Total Launches

Phantom exchange trips	50	97	147
Whitmore exchange trips	11	2	13
Phantom/Whitmore exchange trips	1	20	21
Non-Exchange trips	410	41	451

Total Launches	472	160	632
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* Non-commercial trip participants exchange at a variety of "other" exchange points in addition to Phantom Ranch listed below:

11.0 Soak Creek	96.7 Boucher
31.6 South Canyon	108.2 Lower Bass
51.0 Nankoweap	133.8 Tapeats
68.4 Tanner	136.2 Deer Creek
76.6 Hance	156.8 Havasu
94.9 Hermit	Other

Recreational Trip Duration Summary Calendar Year: Jan 1, 2002 - Dec 31, 2002

Average Motorized Trip Duration

Note: Excludes Whitmore-down trips.

	<u>Average Motorized Trip Duration</u>
ARIZONA RAFT ADVENTURES, INC.	8
ARIZONA RIVER RUNNERS, INC.	7
CANYONEERS, INC.	7
COLORADO RIVER & TRAIL EXPEDITIONS, INC	9
DIAMOND RIVER ADVENTURES, INC	8
GRAND CANYON EXPEDITIONS COMPANY	8
HATCH RIVER EXPEDITIONS, INC.	7
HIGH DESERT ADVENTURES, INC.	9
MOKI MAC RIVER EXPEDITIONS, INC.	9
TOUR WEST, INC.	6
WESTERN RIVER EXPEDITIONS, INC.	6
WILDERNESS RIVER ADVENTURES	8
Average Motorized Commercial Trip Duration	7
Average Motorized Non-Commercial Trip Duration	19

Average Non-Motorized Trip Duration

	<u>Average Non-Motorized Trip Duration</u>
ARIZONA RAFT ADVENTURES, INC.	14
ARIZONA RIVER RUNNERS, INC.	13
CANYON EXPEDITIONS, INC.	15
CANYON EXPLORATIONS INC.	15
CANYONEERS, INC.	13
COLORADO RIVER & TRAIL EXPEDITIONS, INC	11
DIAMOND RIVER ADVENTURES, INC	11
GRAND CANYON EXPEDITIONS COMPANY	14
HIGH DESERT ADVENTURES, INC.	14
MOKI MAC RIVER EXPEDITIONS, INC.	14
O.A.R.S., INC.	16
OUTDOORS UNLIMITED	13
TOUR WEST, INC.	15
WILDERNESS RIVER ADVENTURES	12
Average Non-Motorized Commercial Trip Duration	14
Average Non-Motorized Non-Commercial Trip Duration	19

Recreational Watercraft Summary Calendar Year: Jan 1, 2002 - Dec 31, 2002

Types of Recreational Trips

	<u>Oar Trips</u>	<u>Paddle Trips</u>	<u>Dory Trips</u>	<u>Kayak-Only Trips</u>	<u>Non-Motor Hybrid Trips</u>	<u>Motor/Non-Motor Hybrid Trips</u>	<u>Motor Trips</u>	<u>Total Launches</u>
Commercial	61 (10%)	12 (2%)	20 (3%)	0 (0%)	67 (11%)	4 (1%)	468 (74%)	632 (71%)
Non-Commercial	147 (57%)	0 (0%)	0 (0%)	3 (1%)	91 (35%)	11 (4%)	8 (3%)	260 (29%)
Total Recreational	208 (23%)	12 (1%)	20 (2%)	3 (0%)	158 (18%)	15 (2%)	476 (53%)	892 (100%)

Kayak Support Trip Summary

	<u>Non-Motorized</u>	<u>Motorized</u>	<u>Total</u>
Commercial	9 (56 %)	7 (44 %)	16 (9 %)
Non-Commercial	148 (94 %)	10 (6 %)	158 (91 %)
Total Kayak Support Trips	157 (90 %)	17 (10 %)	174 (100%)

Total Commercial Watercraft Launched by Month

Note: watercraft are attributed to the month where the launch occurs.

	<u>Jan '02</u>	<u>Feb '02</u>	<u>Mar '02</u>	<u>Apr '02</u>	<u>May '02</u>	<u>Jun '02</u>
Motor Boats	0	0	0	32 (4%)	153 (20%)	179 (24%)
Oar Boats	0	0	0	28 (4%)	116 (16%)	137 (19%)
Paddle Boats	0	0	0	1 (1%)	19 (17%)	23 (20%)
Dories	0	0	4 (4%)	12 (12%)	17 (17%)	14 (14%)
Kayaks	0	0	2 (1%)	3 (2%)	16 (11%)	2 (1%)
Motor Support Boats	0	0	1 (5%)	0	3 (14%)	5 (24%)
Other Non-Motorized	0	0	0	0	0	0

	<u>Jul '02</u>	<u>Aug '02</u>	<u>Sep '02</u>	<u>Oct '02</u>	<u>Nov '02</u>	<u>Dec '02</u>
Motor Boats	178 (24%)	145 (19%)	62 (8%)	0	0	0
Oar Boats	111 (16%)	126 (18%)	118 (17%)	79 (11%)	0	0
Paddle Boats	26 (23%)	26 (23%)	15 (13%)	5 (4%)	0	0
Dories	14 (14%)	7 (7%)	16 (16%)	15 (15%)	0	0
Kayaks	27 (19%)	44 (30%)	37 (26%)	14 (10%)	0	0
Motor Support Boats	3 (14%)	5 (24%)	4 (19%)	0	0	0
Other Non-Motorized	0	0	0	0	0	0

Total Non-Commercial Watercraft Launched by Month

Note: watercraft are attributed to the month where the launch occurs.

	Jan '02	Feb '02	Mar '02	Apr '02	May '02	Jun '02
Motor Boats	6 (20%)	1 (3%)	3 (10%)	7 (23%)	8 (27%)	1 (3%)
Oar Boats	36 (3%)	33 (3%)	49 (4%)	139 (11%)	161 (13%)	154 (13%)
Paddle Boats	0	0	0	5 (42%)	1 (8%)	2 (17%)
Dories	0	0	0	4 (17%)	4 (17%)	2 (9%)
Kayaks	24 (4%)	14 (2%)	29 (5%)	24 (4%)	82 (15%)	65 (12%)
Motor Support Boats	0	0	0	0	0	0
Other Non-Motorized	0	6 (5%)	4 (3%)	15 (12%)	25 (20%)	11 (9%)

	Jul '02	Aug '02	Sep '02	Oct '02	Nov '02	Dec '02
Motor Boats	1 (3%)	1 (3%)	2 (7%)	0	0	0
Oar Boats	143 (12%)	139 (11%)	171 (14%)	123 (10%)	51 (4%)	26 (2%)
Paddle Boats	2 (17%)	1 (8%)	0	1 (8%)	0	0
Dories	2 (9%)	7 (30%)	2 (9%)	2 (9%)	0	0
Kayaks	64 (11%)	102 (18%)	73 (13%)	54 (10%)	22 (4%)	11 (2%)
Motor Support Boats	0	0	0	0	0	0
Other Non-Motorized	27 (22%)	15 (12%)	13 (10%)	6 (5%)	2 (2%)	0

Recreational Trip Exchange Summary

Calendar Year: Jan 1, 2002 - Dec 31, 2002

Commercial Trip Exchange Summary

	<u>Phantom Only</u>	<u>Phantom & Whitmore</u>	<u>Whitmore Only</u>	<u>Total Exchange Trips</u>	<u>Total Non-Exchange Trips</u>	<u>Total Trips</u>
Motorized Launches	50 (11%)	1 (0%)	11 (2%)	62	410	472
Non-Motorized Launches	97 (61%)	20 (13%)	2 (1%)	119	41	160
Commercial Launches	147 (23%)	21 (3%)	13 (2%)	181	451	632

Non-Commercial Trip Exchange Summary

	<u>Phantom Only</u>	<u>Phantom & Other Exchanges</u>	<u>Other Exchanges - Excluding Phantom</u>	<u>Total Exchange Trips</u>	<u>Total Non-Exchange Trips</u>	<u>Total Trips</u>
Motorized Launches	9 (47%)	1 (5%)	0 (0%)	10	9	19
Non-Motorized Launches	112 (46%)	2 (1%)	5 (2%)	119	122	241
Non-Commercial Launches	121 (47%)	3 (1%)	5 (2%)	129	131	260

Commercial Passenger Exchange Summary

Note: The following reflect the number of passengers/participants on the various types of exchange trips.

	<u>Phantom Only</u>	<u>Phantom & Whitmore</u>	<u>Whitmore Only</u>	<u>Total Passengers on Exchange Trips</u>	<u>Total Passengers on Non-Exchange Trips</u>	<u>Total Passengers</u>
Motorized Passengers	1,781 (12%)	10 (0%)	511 (4%)	2,302	12,024	14,326
Non-Motorized Passengers	2,845 (67%)	673 (16%)	48 (1%)	3,566	662	4,228
Commercial Passengers	4,626 (25%)	683 (4%)	559 (3%)	5,868	12,686	18,554

Non-Commercial Participant Exchange Summary

Note: The following reflect the number of passengers/participants on the various types of exchange trips.

	<u>Phantom Only</u>	<u>Phantom & Other Exchanges</u>	<u>Other Exchanges - Excluding Phantom</u>	<u>Total Participants on Exchange Trips</u>	<u>Total Participants on Non-Exchange Trips</u>	<u>Total Participants</u>
Motorized Participants	143 (58%)	10 (4%)	0 (0%)	153	93	246
Non-Motorized Participants	1,801 (52%)	23 (1%)	73 (2%)	1,897	1,579	3,476
Non-Commercial Participants	1,944 (52%)	33 (1%)	73 (2%)	2,050	1,672	3,722

*** Non-commercial trip participants exchange at a variety of "other" exchange points in addition to Phantom Ranch listed below:**

11.0 Soak Creek	96.7 Boucher
31.6 South Canyon	108.2 Lower Bass
51.0 Nankoweap	133.8 Tapeats
68.4 Tanner	136.2 Deer Creek
76.6 Hance	156.8 Havasu
94.9 Hermit	Other

Commercial Trip Exchange Summary Calendar Year: Jan 1, 2002 - Dec 31, 2002

Commercial Trip Exchanges by Concessioner - Launches

	<u>Phantom Only</u>	<u>Phantom & Whitmore</u>	<u>Whitmore Only</u>	<u>Total Exchange Trips</u>	<u>Total Non-Exchange Trips</u>	<u>Total Trips</u>
ARIZONA RAFT ADVENTURES, INC.	25	0	0	25	23	48
ARIZONA RIVER RUNNERS, INC.	5	0	4	9	52	61
CANYON EXPEDITIONS, INC.	7	0	0	7	3	10
CANYON EXPLORATIONS INC.	9	0	0	9	7	16
CANYONEERS, INC.	13	0	0	13	23	36
COLORADO RIVER & TRAIL EXPEDITIONS, INC	5	0	0	5	14	19
DIAMOND RIVER ADVENTURES, INC	12	0	3	15	24	39
GRAND CANYON EXPEDITIONS COMPANY	0	0	0	0	77	77
HATCH RIVER EXPEDITIONS, INC.	4	0	0	4	73	77
HIGH DESERT ADVENTURES, INC.	9	0	0	9	11	20
MOKI MAC RIVER EXPEDITIONS, INC.	9	0	0	9	11	20
O.A.R.S., INC.	5	20	1	26	5	31
OUTDOORS UNLIMITED	20	0	0	20	0	20
TOUR WEST, INC.	1	1	0	2	35	37
WESTERN RIVER EXPEDITIONS, INC.	0	0	5	5	70	75
WILDERNESS RIVER ADVENTURES	23	0	0	23	23	46
Total Commercial Launches	147	21	13	181	451	632

Commercial Passenger Exchanges by Concessioner

Note: The following reflect the number of passengers/participants on the various types of exchange trips.

	<u>Phantom Only</u>	<u>Phantom & Whitmore</u>	<u>Whitmore Only</u>	<u>Total Passengers on Exchange Trips</u>	<u>Total Passengers on Non-Exchange Trips</u>	<u>Total Passengers</u>
ARIZONA RAFT ADVENTURES, INC.	771	0	0	771	380	1,151
ARIZONA RIVER RUNNERS, INC.	138	0	164	302	2,330	2,632
CANYON EXPEDITIONS, INC.	222	0	0	222	58	280
CANYON EXPLORATIONS INC.	272	0	0	272	124	396
CANYONEERS, INC.	495	0	0	495	451	946
COLORADO RIVER & TRAIL EXPEDITIONS, INC	130	0	0	130	266	396
DIAMOND RIVER ADVENTURES, INC	424	0	53	477	542	1,019
GRAND CANYON EXPEDITIONS COMPANY	0	0	0	0	1,588	1,588
HATCH RIVER EXPEDITIONS, INC.	73	0	0	73	1,374	1,447
HIGH DESERT ADVENTURES, INC.	216	0	0	216	207	423
MOKI MAC RIVER EXPEDITIONS, INC.	233	0	0	233	205	438
O.A.R.S., INC.	118	673	31	822	73	895
OUTDOORS UNLIMITED	636	0	0	636	0	636
TOUR WEST, INC.	12	10	0	22	838	860
WESTERN RIVER EXPEDITIONS, INC.	0	0	311	311	3,690	4,001
WILDERNESS RIVER ADVENTURES	886	0	0	886	560	1,446
Total Commercial Passengers	4,626	683	559	5,868	12,686	18,554

Recreational Trip Take-Out Location Summary Calendar Year: Jan 1, 2002 - Dec 31, 2002

Commercial Passenger Final Egress Locations - Launch Summary

	<u>Whitmore Wash</u>	<u>Diamond Creek</u>	<u>Lake Mead via Jetboat</u>	<u>Lake Mead via original boats</u>
Motorized Launches	132 (28%)	41 (9%)	275 (58%)	24 (5%)
Non-Motorized Launches	18 (11%)	88 (55%)	53 (33%)	1 (1%)
Total Commercial Launches	150 (24%)	129 (20%)	328 (52%)	25 (4%)

Commercial Passenger Final Egress Locations - Passenger Summary

Note: The following reflects how many people disembark at the trips' final pasenger/participant egress point.

	<u>Whitmore Wash</u>	<u>Diamond Creek</u>	<u>Lake Mead via Jetboat</u>	<u>Lake Mead via original boats</u>
Motorized Passengers	2,624 (26%)	743 (7%)	6,126 (62%)	433 (4%)
Non-Motorized Passengers	331 (12%)	1,490 (56%)	841 (31%)	14 (1%)
Total Commercial Passengers	2,955 (23%)	2,233 (18%)	6,967 (55%)	447 (4%)

Commercial Equipment Take-Out Locations - Launch Summary

	<u>Diamond Creek</u>	<u>Lake Mead</u>
Motorized Launches	56 (12%)	416 (88%)
Non-Motorized Launches	104 (65%)	56 (35%)
Total Commercial Launches	160 (25%)	472 (75%)

Non-Commercial Take-Out Locations - Launch Summary

	<u>Diamond Creek</u>	<u>Lake Mead</u>
Motorized Launches	13 (68%)	6 (32%)
Non-Motorized Launches	205 (85%)	36 (15%)
Total Non-Commercial Launches	218 (84%)	42 (16%)

Non-Commercial Take-Out Locations - Participant Summary

Note: The following reflects how many people disembark at the trips' final passenger/participant egress point.

	<u>Diamond Creek</u>	<u>Lake Mead</u>
Motorized Participants	169 (76%)	52 (24%)
Non-Motorized Participants	2,779 (87%)	421 (13%)
Total Non-Commercial Participants	2,948 (86%)	473 (14%)