

Mile	Bank	Camps ~ Attractions ~ Rapids	Brown is Park Service ~ SR is Sunrise ~ SS is Sunset	Prior Trips
-13.8	R	Ropes Trail Camp	Petroglyphs just upriver up Ropes Trail	
-11.0	L	Ferry Swale Camp	Petroglyphs	
-10.5	R	Faatz Inscription	Scout Left - Hole right of tongue	
-8.5	R	Maybe Camp		
-7.5	L	Finger Rock Camp		
-6.5	R	Hidden Slough Camps		
-4.0	L	Arch	Just past Water Holes Canyon	
0.0	R	Lee's Ferry	Behind restroom, 100 yards thru wash to petrified log, up slope to left (creek right) small old Pueblo dwelling at top. <b>SR 06:30 ~ SS 5:30</b>	Lunch ~ '10
0.8	R&L	Paria confluence to Navajo Bridge	<b>Not potable water, No camping mile .8 to mile 4.5 both sides</b>	
4.5		Navajo Bridge		
5.0	R	5 Mile (S)	Very Small camp	
5.9	R	6 Mile Wash (S)	Downstream end of debris fan	Nite 1 ~ '12
8.0		Badger Creek Rapid (5)	Scout Left	Lunch ~ '06
8.0	L	Jackass Creek	2 Mile hike up pour -overs (use rope) to rim & Navajo Nation	
8.1	L	Jackass Camp (L)	At foot of Badger Rapid, loud, share with hikers	
8.1	R	Badger Camp (M)	Foot of Badger Rapid, hard pull in, share with hikers, rapid noise, driftwood	
8.8	L	Below Jackass (8.5 Mile) (S)	Low water sandbar camp NO CAMP THERE IN 2012	
9.0	L	Sandbar (S)		
10.2		10 Mile Rock	Coconino Sandstone	
11.3	R	Soap Creek Camp (M)	Above the debris fan at Soap Creek Rapid, Boats will be beached in am, Condors	Nite 1 ~ '10 Nite 1 ~ '06
11.4		Soap Creek Rapid (5)	Scout Right on limestone block	
12.0		Brown's Riffle (0)		
12.1	L	Salt Water Wash Camp (Browns) (S)	Or Brown's Inscription Camp, small at top of eddy	
12.1	L	Brown's Inscription	Near top of eddy, close to top of Supai ledges, 20 ft above the 10,000 cfs waterline	
12.4	L	12.4 Mile (Below Salt Wash) (S)	Behind debris from small side canyon. Nevills inscription 80 feet above camp	
13.1	R	13 Mile Camp (M)	Low water camp, ledge camp, rocky	Nite 2 ~ '12
13-15	R&L	Possible Camps	<b>Look For Protected ledge camps in this area</b>	
14.2	L	Sheer Wall (S)	Nice, small, quiet, ledges, put kitchen under pour-off, watch for rain	
14.5		Sheer Wall Rapid (2)		
16.6	L	Hot Na Camp (M)	Upper and lower pull ins, boats will be beached at lower, Large enough to easily be two camps, last camp before House Rock Rapid	
17.1	R	Rider Canyon	3 mile hike to rim accessed from either above or below the rapid	
17.1		House Rock Rapid (7)	Scout right or left, if left the set up at the top is better	3.4 mph '12
17.2	R	House Rock Camp (L)	Surging eddy, don't miss the eddy	Lunch ~ '10
17.7		Redneck Rapid (3)		
18.4	L	18 Mile Wash (M)	? Might not be there <b>SR 09:30 ~ SS 3:30</b>	
18.5	L	18 Mile Ledges Camp (M)	Usable ledge camp, don't miss pull in at lower end of second tributary riffle - Looked good in 2012 did not look like a hard pull in	
18.7		Boulder Narrows	Supai Sandstone slid into river, largest boulder you will see	
19.2	R	19 Mile Canyon (19.2 Mile) (S)	An OK small brushy camp	
19.2	R	19 Mile Route	Hard 1/2 mile to rim start just downstream of drainage, up scree, head a little south	
19.4	L	Lower 19 Camp (19.4 Mile) (L)	An OK medium camp	
20.0	L	Bridge	Small natural bridge on rim on left	

Mile	Bank	Camps ~ Attractions ~ Rapids	Brown is Park Service ~ SR is Sunrise ~ SS is Sunset	Prior Trips
20.2	L	20 Mile Canyon	1 hour hike to pools	
20.2	L	20 Mile Camp (L)	SR 9:30 ~ SS 3:00 Medium sized camp on debris fan, watch for flash floods	
20.7	R	Upper North Canyon Camp (L)	Popular, large, the pull in is at the top of North Canyon Rapid, must get there early to beat commercials, nice hike SR 9:00 ~ SS 4:00	
20.7		North Canyon	Good lunch, One hour hike to pools, careful, 1/2 mile hike into sandstone narrows	
20.7		North Canyon Rapid (5)	Scout Right (or not)	
20.8	R	Lower North Canyon Camp (L)	Hard to pull in, small camp at foot of North Canyon Rapid, surging eddy ?SorL?	
21.1	R	Overhang	Nice shade up lunch spot	
21.4		21 Mile Rapid (5)		
21.7	L	21.7 Mile Camp (L)	Nice, large, not on NPS list, looks good '12, don't float past	
22.1	R	22 Mile Camp (S)	Small low water camp at the foot of dune and bouldery debris fan SMALL!'12	
22.0		Geology	Say goodbye to the Supai Group, hello Redwall Limestone.	
22.7	L	Indian Dick Camp (23 Mile) (L)	Map says small camp, NPS says large, looks large but up the bank	
23.2		Indian Dick (23 Mile) Rapid (4)	Stay Left	
23.5		23 1/2 Mile Rapid (4)		
23.5	L	Lone Cedar	Historic initials in tree. Run rapid +riffle, row hard left below rock, medium size eddy, follow path to tree. Harry McDonald was part of Stanton's 1889 crew. Lunch Spot	
23.5	L	Lone Cedar Camp (M)	Large camp, hard pull in if you run the rapid right, winter firewood	Nite 2 ~ '10
24.4		Georgie Rapid (6)	Scout right or left	
24.6	L	24.5 Mile Camp (M)	At the top of the Sheep Spring Wash debris fan, late morning shade SR 9:00 ~ SS 4:00	
24.7		24.5 Mile Rapid (6)	Scout Left at low water	
24.8		Caves until 36.5	Numerous caves both sides of river	
25.1		25 Mile Rapid (6)	Scout Left	
25.7		Cave Spring Rapid (5)	Scout Right good lunch in inlet left below rapid	
26.4	L	Above Tiger Wash Camp (S)	Rough camp on downstream end of debris fan, low water camp SR 11:30 ~ SS 4:30	
26.9		Tiger Wash Rapid (27 Mile) (5)		
29.4		29 Mile Rapid (2)	Silver Grotto left midway thru rapid	
29.4	L	Silver Grotto	Hike, climb, swim, pools, need ropes, clip around corner, beautiful but dangerous hike SR NOON ~ SS 4:30	
29.5	L	Shinumo Wash Camp (L)	Good, foot of 29 Mile Rapid debris fan, access to Grotto, early shade	Nite 3 ~ '12
29.8	R	Island (S)		
30.6	R	Fence Fault Camp (Upper) (L)	Water at spring at low water SR 8:00 ~ SS 3:30, med camp, tricky pull in on eddy line	Nite 2 ~ '06
30.8	R	Sand Pile (Lower Fence Fault) (L)	Ever shrinking sandbar, medium at low water, very small at high water	
31.7	R	Upper South Canyon (S)	? There ?	
31.8	R	South Canyon	Upriver, past South Canyon to first small beach, at the back of beach climb up break to cliff top, dwellings and petroglyphs.	
31.9	R	South Canyon Camp (L)	Good camp SR 9:00 ~ SS 4:00, at upper end of eddy below South Canyon debris fan	3.5 mph '12
32.0	R	Stanton's Cave	Hike to Stanton's Cave 125' above river	
32.2	R	Vasey's Paradise	Water at Vasey's SR 7:00 ~ SS 3:30, watch for poison ivy	
33.3	L	Redwall Cavern	Good Lunch - to enter pass it and eddy back - No camping and no fires	Lunch ~ '10
33.8	L	Below Redwall Camp (S)	Looked medium in 2012	
34.2	L	Little Redwall Camp (M)	Very small per '12, under large rock overhang, good in rain SR 1:30 ~ SS 3:30 pm's	
34.6	R	Hanging Springs	Water at spring	
35.0	L	Nautiloid Canyon	Per Lumpy pull in above canyon before big beach for easy trail. Nautiloid fossils in canyon floor (wet) across from mouth of canyon on right - beautiful calcite crystals.	Lunch ~ '06

Mile	Bank	Camps ~ Attractions ~ Rapids	Brown is Park Service ~ SR is Sunrise ~ SS is Sunset	Prior Trips
35.1	L	Nautiloid Camp (L)	Pull in at the foot of Nautiloid riffle <b>SR 10:00 ~ SS 2:30</b>	
35.3	R	Springs	Noontime shade by a series of dripping springs <i>lunch spot</i>	
36.0	R	Bridge of Sighs	Look for a natural bridge in the redwall 150 feet up a small side canyon, Sigh Arch	
36.2		Geology	Goodbye redwall, hello Muav limestone	
36.3		36 Mile Rapid (4)		
37.9	L	Tatahatso Camp (L)	Easy pull in just above the middle of the bend in the river, hot camp in afternoon	
38.3	L	Above Martha's Camp (S)	Small camp at the foot of a riffle <b>SR 1:00 ~ SS 4:00 pm's</b>	
38.7	L	Martha's Camp (M)		
39.3	R	Redbud Alcove Camp (M)	Small low water camp at the foot of a riffle	
39.7		Marble Canyon Dam Site	Exploration tunnels on both right and left	
41.2	R	Buckfarm Canyon	1/2 - 1 mile easy canyon hike with water and some shade	
41.2	R	Buck Farm Camp (L)	Good Camp at middle of debris fan from Buck Farm Canyon, <b>SR 9:30 ~ SS 2:30</b>	Nite 4 ~ '12
41.7	R	Bert's Canyon and Boat Remains	Pull in at 41.1 above debris fan, follow path to canyon past Bert Loper's boat, up canyon 1/4 mile to waterfall and shade <b>SR 7:30 ~ SS 2:30 w/break 10-1 Lunch Spot</b>	
42.0	R	Royal Arches	On right for next .4 miles	
43.3	R	Anasazi Footbridge	1/3 way up limestone cliff, small bundle of logs, <b>Both Sides Closed To All Visitation</b>	
43.4	L	Anasazi Bridge Camp (S)	Small brushy camp	
43.6	L	Lower Anasazi Bridge (S)	Medium camp behind vegetation, flat sand bench	
44.0	L	President Harding Rapid (4)		
44.0	L	President Harding Camp (M)	At the top of the eddy just below President Harding Rapid	
44.5	L	Eminence Camp (L)	Pull in at middle or bottom of the debris fan from the small tributary on river left	Nite 3 ~ '10 Nite 3 ~ '06
44.9	L	44.9 Mile Camp	Medium, overgrown, not on NPS list	
45.0	L	Willie Taylor Camp (S)	Large camp, difficult access due to erosion	
46.9	R	Triple Alcoves	On right for next .5 miles	
47.2	L	Duck-n-Quack Camp (S)	Medium with protection from wind and an overhang for rain	
47.4	R	Saddle Canyon	Short hike to waterfall, hackberry and ash trees, there is a chock stone just below the final pool and waterfall for a boost, up around falls to lush Japanese garden, bring a rope? <b>SR 12:30 ~ SS 2:30</b>	
47.5	R	Upper Saddle Camp (L)	Nice camp, hike, 2 pull ins at the top of the eddy formed just downstream of the Saddle Canyon debris fan, can be 2 camps <b>SR 9:00 ~ SS 4:00</b>	
47.7	R	Lower Saddle Camp (L)	At the bottom end of the eddy down from Saddle Canyon debris fan, Nice camp, hike, <b>SR 8:30 ~ SS 2:30</b>	
50.1	R	Dinosaur Camp (L)	Missable, below M50 riffle, if you round the corner you are too far, <b>SR 8:30 ~ SS 4:00</b>	
50.2	R	50 Mile (Lower Dinosaur Camp) (M)	? There ?	
51.5	L	51 (51.5) Mile Camp (M)	Large open camp at end of large eddy, <b>SR 9:00 ~ 3:30</b>	
52.7	L	51.7 Mile Camp	Medium camp not on NPS list	
52.1	R	Little Nankoweap Camp (M)	Steep climb up to camping area, wooden driftwood steps, <b>SR 8:30 ~ SS 3:00</b>	
52.1	R	Little Nankoweap Creek	<b>Water at creek?</b> , 1 mile hike up dry creek with shade	
52.4		Nankoweap Rapid (3)	One of the longest rapids in the canyon	
52.5	R	Nankoweap Canyon	Hike to Anasazi grain storage ruins 500' above	
52.5		<b>Nankoweap</b>	<b>Camping restricted to 3 camps from 52.5 to 53.5</b>	
52.5	R	Nankoweap Kwagunt Loop	Hike up to Nankoweap Mesa, down to river at Kwagunt, 3.5 miles back up river to start	

Mile	Bank	Camps ~ Attractions ~ Rapids	Brown is Park Service ~ SR is Sunrise ~ SS is Sunset	Prior Trips
53.1	R	Upper Nankoweap Camp (L)	Medium, right side of lower third of Nankoweap Rapid, upper end of large cobble bar eddy, scout all Nankoweap camps from this site, <b>one party only, must allow day hikers to tie up rafts and hike</b>	
53.4	R	Nankoweap Day Use Area	Upstream end of the beach at the last eddy below Nankoweap Rapid debris fan, <b>Above main camp often mistaken for a camp</b>	
53.4	R	Main Nankoweap Camp (L)	At the foot of the last eddy below the Nankoweap Rapid debris fan, <b>One party only, must allow day hikers SR 8:30 ~ SS 3:00</b>	4-5 ~ '06 Nite 5 ~ '12
53.5	R	Lower Nankoweap Camp (M)	On the point where the current moves to the right to clear a cobble bar downstream, exposed to up canyon winds <b>one party only, allow day hikers SR 8:00 ~ SS 3:00</b>	
56.3		Kwagunt Rapid (5)	Scout right or left	
56.3	R	Kwagunt Creek	Great canyon hike, you will eventually find water, short pleasant walk	
56.3	R	Ruins	Indian ruins are on alluvial fan of creek	
56.6	R	Kwagunt Camp (L)	Popular, large, good camp, foot of Kwagunt Rapid, good hike, early morning shade, could be hard to make if you are left in Kwagunt <b>SR 8:30 ~ SS 5:30</b>	
57.1	R	Below Kwagunt (M)	Small rocky windswept camp, good hike	
58.0	R	Malagosa Camp (S)	At middle of Malagosa Canyon debris fan, small, rocky, great sunset	
58.0		Strong Wind	Strong up canyon winds possible until Mile 66	
58.1	L	Opposite Malagosa Camp (M)	Driftwood in winter	
58.7	R	Awatubi Camp (M)	Small camp in the middle of Awatubi debris fan	
59.1	L	Below Awatubi Left Camp (S)	Good little camp and hike	
59.3		Geology	Hello Tapeats Sandstone	
59.4	R	Below Awatubi Right Camp (S)	Small camp not on NPS list	
60.1		60 Mile Rapid (4)		
60.2	R	60 Mile Camp (S)	Nice small camp, low water camp at foot of 60 mile rapid, noon shade in summer	
60.5	R	Pot	Ledges trail to pot - Curtis found it '12!	
60.7	R	60 Mile Ledge Camp (S)	? There ?	
61.1	R	61.1 Mile Camp (S)	Small very rocky	
61.6	R	Above Little Colorado River (M)	Small camp with short walk up sandy slope to camping and kitchen	
61.7	L	Little Colorado River	<b>Not potable water</b> , Hike to Sipapu sacred Hopi site, on the way back cross to river left and under a protective overhang see rock cabin built by Ben Beamer in 1890's <b>No Swimming 3/1-11/1 in the south half (mid-stream to south shore), to cross river go .2 mi upstream and cross at cairns</b>	Lunch '10
62.2	R	Below L Colorado River Camp (S)	Medium low water camp, small high water, exposed to up canyon wind	
63.0	R	Crash Canyon Camp (S)	Small rocky camp at the top of debris fan from Crash Canyon	Nite 6 ~ '06
63.8	L	Salt Formations	Just below the riffle salt covers the Tapeats.	
63.9		Geology	Hello Grand Canyon Supergroup particularly Dox Sandstone, all at an angle	
64.0		View	Look straight downriver at the Desert View Watchtower	
64.4	L	Hopi Salt Mines	<b>No visitation Mile 63 - Mile 64.5</b>	
65.1	R	Carbon Camp (L)	Pull in just below small Carbon Creek riffle - <b>BAD CAMP</b> no tent sites or beach per '10	Nite 4 ~ '10
65.1	R	Carbon-Chuar Loop Hike	Hike up Carbon Creek, look for well used trail leaving creek right starting just past the end of the sandstone cliffs, 1/2 mi down to lava Canyon, downstream 3/4 mi to boats	
65.1	R	Carbon Canyon	Good hike up Carbon Creek, Difficult hike to Temple Butte	
65.7		Geology	Butte Fault crosses river	
65.9	R	Lava Canyon Camp (M)	Just above rapid, hot in summer - Looked good 2012 <b>SR 7:30 ~ SS 4:00</b>	

Mile	Bank	Camps ~ Attractions ~ Rapids	Brown is Park Service ~ SR is Sunrise ~ SS is Sunset	Prior Trips
65.9	R	Lava Chuar Canyon	Water at creek, easy hiking up Lava Canyon into broad Chuar Valley	
65.9	R	Mine Shaft	Mine shaft on right 20 feet above river, Hopi Tower visible	
65.9		Lava Canyon Rapid (4)		
65.6	L	McCormick Mine Shaft	McCormick (Tanner) mine shaft is visible from river on left	
66.1	L	Palisades Creek Camp (M)	Foot of Lava Canyon Rapid, large nice camp, easy to miss small eddy with a rocky shore at the pull in NO CAMP per 2012	
66.7		Rocks	Watch for rocks just above Espejo Camp	
66.8	L	Above Espejo Camp (S)	Medium at low water, just above entrance to small channel around a cobble bar	
67.3	L	Espejo Camp	Small brushy camp, not on NPS list	
67.7	L	Comanche (S)	Small brushy camp	
68.3	R	Upper Tanner Camp (68 Mile) (L)	Large very sunny on huge sandbar where Dox cliffs turn abruptly southwest	
68.7	R	Tanner Camp (L)	Possible hikers, hot in summer, at the tip of the bend in the river SR 7:00 ~ SS 5:30	Nite 6 ~ '12
68.7	R	Tanner Canyon	Up wash and in .5 mi to Tanner Trail and up to Cardenas Butte	
68.7	R	Short hike to Rock Art	From camp north to base of cliffs across sandbar, downstream look for small path that intercepts small drainage and up the drainage into a boulder pile, boulders have rock art, up path to view of Palisades and Tanner Canyon.	
69.0	L	Dwelling Evidence	Slab and boulder outlines of storage and dwelling units on left bank	
69.0		Tanner Rapid (4)		
69.3	L	Below Tanner Rapid Camp (M)	Large open, not wind protection, lots of rocks, hot in summer SR 7:00 ~ SS 5:30	
69.9		Basalt Rapid (2)	Chip out of boat '10	
69.9	R	Basalt Creek Canyon	Short hike to Waterfall, below Basalt Canyon riffle, over dunes n to creek, pass prehistoric agave roasting pit, up creek wash, at fork right 1/2 mile into huge bowl with waterfall, left fork climbs to Juno, Jupiter, Venus & Apollo Temples	
70.1	R	Lower Basalt Camp (M)	Small, windy, don't miss pull in, lower end of beach is line for strong down current	
71.5	R	Furnace Flats	No visitation Mile 71.5 to 72	
71.6	L	Cardenas (M)	Stay left, small pull in, good camp, wind protection, great hike SR7:00 ~ SS 5:30	
71.6	L	Hilltop Ruins and Unkar Overlook	2 mile hike roundtrip. Path leads south from camp to Escalante Trail, to west up & around to Hilltop Ruin Trail. Turn downriver, climb up low hill in front of you. After a few 100 feet look for sm trail going up hill, leave main Escalante Trail. Continue up the hill to ruins. Proceed SW along ridge away from the hilltop and into a small bowl where you cross the Escalante Trail, hike back west to the cliffs above Unkar Rapid.	
72.4	R	Upper Unkar Camp (M)	Pull in just below small riffle, hot	
72.7	L	Unkar Camp (L)	At top of the pool just above Unkar Rapid, scout from here, has gnats	
72.7	R	Unkar Delta	The most extensive Pueblo dwellings in the Grand Canyon. Pull in just above rapid, hike up the delta, trails to dwellings on both sides of the Unkar drainage. The largest on the south side of the drainage, via trail going away from the Colorado up a small rise south to cross drainage 1/4 mi from boat beach.	
72.9		Unkar Rapid (6)	Scout Left or Right - No need to scout per 2012	
73.6		73.6 Mile Riffle (2)		
73.8	R	Granary above the river	A small Puebloan granary is visible just above the river on the right	
74.2	L	Below Granary Left (S)	Very small	
74.6	R	Upper Rattlesnake Camp (L)	Medium, nice, hike to butte west of camp called The Tabernacle SR 8:30 ~ 3:30	
75.0		Geology	Look downstream from mid channel, see next Supergroup - Shinumo Quartzite	
75.4	L	Escalante Camp (S)		

Mile	Bank	Camps ~ Attractions ~ Rapids	Brown is Park Service ~ SR is Sunrise ~ SS is Sunset	Prior Trips
75.7	L	Upper Nevill's Camp (S)	Pull in 100 yards above rapid, wind protection, scout from here, <b>SR 1:00 ~ SS 4:30 + shade from trees</b>	
75.8		Nevill's Rapid (6)	Scout Left - No need to scout per 2012	
76.1	L	Nevill's Camp (L)	Good, noisy, beach camp, no shade, hike into 75 mile Canyon <b>SR 8:00 ~ SS 3:30</b>	
76.3	R	Below Nevill's Right (M)		Nite 5 ~ '10
76.5	L	Papago Camp (M)	On debris fan formed by Papago Canyon	
76.6		Geology	Bye Shinumo Quartzite, hello reddish brown Hakatai Shale	
77-88	R&L	Limited use camps	<b>Camps should only be for exchanges at Phantom</b>	
77.1	L	Hance Camp (M)	At top of Hance Rapid debris fan, hikers, <b>camp should be used for Phantom exchanges SR 6:30 ~ SS 5:30</b>	
77.2	R	Geology	On scout note black basalt dike intrusion in the reddish brown Hakatai shale R right	
77.2		Hance Rapid (8)	Scout Left - (Right or Left) - Greg's J-Rig busted prop in 2010	
77.5	R	Geology	Just below Hance is reddish-gray, silty Bass Limestone till 77.7 then Hotauta Conglomerate made of Vishnu Schist and Zoroaster Granite	
77.9	R	Hance Mine	<b>Asbestos hazard, no visitation</b>	
77.9		Black Vishnu Schist begins	2000 million years old, with pink Zoroaster Granite with white quartz bands and mica	
79.1		Sockdolager Rapid (7)	Scout Left at very lip of rapids - No scout 2012	
79.4	L	Below Sockdolager Camp (S)	? There ? <b>Camp should be used by trips with exchanges at Phantom</b>	
81.0	L	Cottonwood Creek	Small indent in schist wall for a boat or two, twisting waterfall 40 ft hi w/flow 4gpm	
81.7	L	Grapevine Camp (L)	Big enough to share says one, disappearing sandbar at base of large overhanging cliff says other, tight pull in, <b>camp for Phantom exchanges SR 7:00 ~ SS 2:00</b>	Nite 7 ~ '12
82.1		Grapevine Rapid (7)	Scout Left - No scout 2012	
84.1		83 Mile Rapid (4)		
84.6	R	Clear Creek Camp (S)	PV Camp - Just below rapid, river bends NW, small eddy on right at bend, low water camp, great hike, <b>camp should be for trips with exchanges at Phantom</b>	Nite 6 ~ '10 Nite 7 ~ '06
84.7	R	Clear Creek	<b>Water at creek</b> , hike up creek to hydro waterfall	
84.8	R	Below Clear Creek Camp (S)	Low water camp on cobble bar just below Clear Creek, great hike, <b>camp should be used by trips with exchanges at Phantom - Very small per 2012</b>	
85.0	L	Zoroaster Camp (M)	Low water camp, rain will loosen rocks in cliffs above camp, <b>camp should be used by trips with exchanges at Phantom</b>	
85.3		Zoroaster Rapid (5)	Scout Left	
85.8		85 Mile Rapid (3)		
87.6	L	Upper Cremation Camp (M)	Small, watch for flash floods, just above riffle formed by a debris fan, <b>camp should be used for Phantom exchanges SR 7:30 ~ SS 3:30 with 3 hour break at 10:30</b>	
87.7	L	Lower Cremation Camp (M)	Just below the riffle and at the top of the eddy at the foot of the debris fan, <b>camp should be used for Phantom exchanges SR 7:30 ~ SS 5:30</b>	
88.0	L&R	Mile 88 thru 89.7	<b>Emergency camping only. Must be approved by ranger.</b>	
88.0		Kaibab Suspension Bridge		
88.1	R	Phantom Ranch	Mail, t-shirts, ice, <b>water</b> , phone, <b>tide</b> typically 24 hrs after release	Lunch ~ '10
88.3		Bright Angel Rapid (3)		
88.3		Bright Angel Creek	<b>Not potable water</b>	
88.3		Bright Angel Suspension Bridge		
89.5		Pipe Creek	7 mile hike to rim - Bright Angel Trail	
89.5		Pipe Creek Rapid (3)		

Mile	Bank	Camps ~ Attractions ~ Rapids	Brown is Park Service ~ SR is Sunrise ~ SS is Sunset	Prior Trips
89.7		Pipe Creek Beach	Look for rock just off beach - if it's under water no need to scout Horn	
89.9	R	Below Pipe Creek Camp (S)	On a cobble bar with fast moving shore current and no hike to Phantom	
90.8		Horn Creek Rapid (8)	Scout Left	
91.6		Tower of Set	Supai sandstone pinnacle downstream	
91.7	R	91 Mile Creek Camp (S)	Just below small riffle at mouth of creek, dune camp, boats beached in '10	Nite 7 ~ '10
92.1	R	Trinity Creek S)	Good, pull in at foot of sm debris fan from creek, poss flash flood <b>SR 8:00 ~ SS 5:30</b>	
92.1	R	Trinity Creek	A nice hour long stroll to waterfall (pv found no water in '06)	Lunch ~ '06
92.8	L	Above Salt Creek Camp (M)	Nice camp, small camp, long and thin	
93.1		Salt Creek Rapid (3)		
93.2	L	Salt Creek Camp (S)	? There ?	
93.8	L	Granite Camp (L)	Well used, upper end of pool above Granite, share with hikers, morning shade, water, short and long hikes	Nite 8 ~ '12
93.9	L	Monument Creek	<b>Water at creek</b> , up creek to narrows, shade	
93.9		Granite Rapid (8)	Scout Left - Yes scout per 2012	
94.8	R	94 Mile Canyon Camp (S)	Pull in just above the small riffle, very small, rock beach	
95.4	L	Hermit Camp (M)	Small, noisy, with hikers	
95.5	L	Hermit Creek	<b>Not potable water</b>	
95.5		Hermit Rapid (8)	Scout Left - No scout 2012	
96.4	R	Bull Schist Camp (Upper Schist) (M)	Schist fence down middle, steep brushy landing	Nite 8 ~ '06
96.5	L	Schist Camp (Travertine) (M)	Quiet camp, popular sandy camp	Nite 8 ~ '06
97.0		Point Sublime	Downstream skyline on the north rim	
97.1		Boucher Rapid (4)		
97.2	L	Boucher Camp (M)	At the foot of Boucher Rapid, hikers	
98.7	R	Upper Crystal Camp (M)	At the top of the debris fan from Crystal Creek	
98.7	R	Crystal Creek	<b>Water at creek</b> , 1 mile to landslide made waterfall, rest hot & open	
98.8		Crystal Rapid (9)	Scout Right	
98.9	R	Ego Beach (Lower Crystal) (S)	Need to run right of the holes to make camp	
99.7		Tuna Creek Rapid (6)	Keep left around corner, lunch above RL '10	
99.7	L	Tuna Rapids Camp (S)	Very Small	
100.0		Lower Tuna Rapid (4)		
100.1	L	Lower Tuna Camp (S)	Small camp, rocky, no beach, pull left quick to make it	
100.4		Nixon Rock	Granite Island	
101.1		Agate Rapid (3)		
101.8		Sapphire Rapid (6)	Wave train watch for ledge on right near bottom	
102.6		Turquoise Rapid (3)	Strong eddy on river right at the foot of the rapid will catch gear lost upriver.	
103.4	R	New Shady Grove Camp (M)	Small camp spread out along the shore, impacted by beach erosion, very small 2012	
103.7	R	103 Mile Camp (M)	? There ? <b>SR 8:30 ~ SS 3:30</b>	
104.4	R	Emerald Camp (M)	Small camp at the top of the Emerald Canyon debris fan, noisy, yuk, passed it up '10	
104.4		Emerald Rapid (104 Mile) (5)		
105.2		Ruby Rapid (5)	Scout Left	
106.0		Geology	Dikes of Zoroaster Granite are near horizontal compared to vertical at Phantom	
106.5		Serpentine Rapid (7)	Scout Left	
107.7		Geology	Bye Vishnu Schist, hello Supergroup of Hotauta Conglomerate, Bass Limestone, Hakatai Shale, Shinumo Quartzite and Dox Formations	
108.1	R	Hotauta (M)	Small and hot, even with AM shade	Nite 8 ~ '10

Mile	Bank	Camps ~ Attractions ~ Rapids	Brown is Park Service ~ SR is Sunrise ~ SS is Sunset	Prior Trips
108.3	L	Ross Wheeler (S)	Small beach camp, hikers, SR 7:00 ~ SS 3:00	
108.3	L	"The Ross Wheeler"	William Bass's boat 50' above water left, end of beach at camp	
108.4		Bass Rapid (4)		
188.5	L	Cable Car	Cable car on left 200 yards below rapid	
108.5	R	Parkins Inscription Camp (S)	Small, low water camp, bad boat parking	
108.5	R	1903 Inscription	1 hour from camp upriver 100 yards past landing for cable crossing, look for chute leading down through Schist to beach at the foot of Bass Rapid. Small inscription from 1903 chiseled in the rock shoulder height near upstream end of beach.	
108.9	R	Bass Crossing (S)	Very Small	
109.0	R	Bass Camp (L)	Popular, hike, at small eddy after rapid at end of left turn, hot SR 7:00 ~ SS 5:00	Nite 9 ~ '06 9-10 ~ '12
109.0	R	Old Bass Camp Memorabilia	Hike 1/2 mile or so up side of creek to ruins of Bass cabin under small overhang	
109.2	R	Shinumo Creek	Pull in at top of debris fan and walk down to creek or float 100 yards to mouth but don't miss it, water at creek, no camping or use of soap 100 yards of Shinumo	
109.3		Shinumo Rapid (4)		
109.6		109 Mile Rapid (2)		
110.0	R	110 Mile Camp (L)	Good large camp with winter sun SR 8:00 ~ SS 5:30	
110.4		110 Rapid (3)		
110.8	R	Bass Mine, Hakatai Canyon	Asbestos hazard, visitation not permitted around mine, talus slope, and camp.	
111.4		Hakatai Rapid (4)		
112.8	R	Walthenberg Camp (S)	Small, noisy, top of Walthenberg and mouth of Walthenberg Canyon, flash floods	
112.8		Walthenberg Rapid (6)	Scout Right - No scout '12	
113.6		113 Mile Rock	Schist fin, go left or right, the river is calm for the next 2 miles	
114.9	R	Upper Garnet Camp (M)	Very small, easy to miss, pull in downstream end of small side tributary's debris fan	
115.1	R	Lower Garnet Camp (M)	Small, also easy to miss, downstream end of side tributary's debris fan SR 8:00 ~ 3:00	
115-19	R&L	New Camps	Look for new small camps from the 3/08 high flow	
116.0	L	Geology	Travertine covers the Tapeats Sandstone on river left	
116.5	R&L	Royal Arch Creek	No camping .25 mi of Royal Arch Creek or in the chasm.	
116.5	R	Geology	The Monument Fold folds the Tapeats sandstone, end of the Upper Granite Gorge	
117.2	L	Elves Chasm	Hike, swim, Not potable water, Do not disturb ferns (habitat for endangered snails), no camping 1/4 mile from river, 4 pull ins, 2 above, one at creek, one below	Lunch '10
117.6	L	Buckhorn Canyon (117.6 Camp) (S)	Good boat park, small camp at top of eddy, sunny	
118.3	R	Below Elves Right Camp (S)	Small camp, small overhangs for camping	
119.1	R	119.1 Mile Camp (S)	Yuk ?There ?	
119.3		119 Mile Rapid (2)		
119.4	R	Big Dune Camp (M)	Afternoon sun, no shade	
119.8	R	119.8 Mile Camp (S)	Large camp at low water, large sand dune	
120.3	L	120 Mile Camp (L)	Popular, large, nice camp & beach, just upstream from small mid channel rock fin	Nite 11 ~ '12
120.6	L	Opposite Blacktail Camp (S)	Early shade	
120.6	R	Upper Blacktail Camp (M)	PV Camp, tight pull in just above schist fins along the riverbank at upstream end of Blacktail Canyon debris fan, easy hike thru slot canyon SR 7:30 ~ SS 6:00	Nite 9 ~ '10 Nite 10 ~ '06
120.6	R	Blacktail Canyon	Easy 1/4 mi up canyon, steep & enclosed walls, fossils	
120.6		Blacktail Rapid (3)		
120.7	R	Lower Blacktail Camp (M)	Small with steep rocky bank, hot camp	
120.8	L	120.8 Mile (Below Blacktail) (L)	Large camp on the cobble bar just below Blacktail Canyon	



Mile	Bank	Camps ~ Attractions ~ Rapids	Brown is Park Service ~ SR is Sunrise ~ SS is Sunset	Prior Trips
121.4	L	121.4 Mile Camp (S)	On a small debris fan with protection from rain under Tapeats ledges	
122.3	L	122.2 Mile Camp (S)	Rocky, just above 122 Mile Rapid	
122.2		122 Mile Rapid (4)		
122.2	R	122 Mile Creek	Nice hike up creek	
122.8	R	122 Mile Camp (L)	Very good camp, hike, eroded away but large camp at low water <b>SR 6:30 ~ SS 4:30</b>	
123.2	L	Upper Forster Camp (M)	Just above Forester Canyon, nice evening upstream views	
123.3		Forster Rapid (5)		
123.4	L	Forster Canyon	Large chute up redwall, 1/4 mi to Anasazi Dwelling.	
123.6	R	Below Forster (M)	Large open beach	
124.2	L	Enfilade Camp (M)	Large open camp	
125.0	L	Above Fossil Camp (L)	Large, overgrown, and heavily eroded	
125.5	L	Fossil Camp (L)	Easy pull in, watch boulders at landing downstream in low water, quiet, great hike, hot in summer, early shade <b>SR 7:00 ~ SS 4:00</b>	
125.5	L	Fossil Canyon	Easy walk up canyon	
125.5		Fossil Rapid (5)		
126.1	L	Below Fossil Camp (M)	Easy pull in after tail-waves of rapid, boats beached in am, quiet, hike, early shade	
126.4		Inconsequential Riffle (0)		
127.0	L	Randy's Rock	Tapeats boulder	
127.0	R	Randy's Rock Camp (L)	Medium, very good Tapeats overhangs for rain, boats beached in am, shade, sunsets, didn't see a camp there in 2012	
127.5		127 Mile Rapid (3)		
129.2		128 Mile Rapid (3)		
129.7	L	Specter Chasm	1 hour hike up chasm	
129.7		Specter Rapid (6)	Scout Left	Lunch '06
130.0		Geology	Precambrian rock downstream looks like schist @ Phantom w/pink granite & green schist	
130.0	R	130 Mile Waterfall	Long and thin in small alcove, can be dry in summer - far away - nice view, saw '12	
131.1	R	Doll's House	At the scout tie up. Big rock with rooms in it.	
131.1		Bedrock Rapid (7)	Scout Right	Lunch '10
131.7	R	Below Bedrock Camp (L)	Medium on debris fan half mile below Bedrock, could be small camp	
132.2	R	Galloway Camp (M)	Large, sunny, long, thin, pull in just above Dubendorff Rapid, could be small camp	
132.3		Deubendorff Rapid (7)	High water scout right - Low water scout left	
132.5	R	Stone Creek	<b>Water at creek</b> , Easy 1/4 mi to waterfall, Good H2O '12	
132.5	R	Stone Creek Camp (L)	Nice beach camp at low water, at the foot of Dooby in eddy, boats may be beached in am, nice hike to waterfall, a little shade <b>SR 9:00 ~ SS 5:00</b>	
133.7	L	Talking Heads Camp (M)	On a debris fan at the end of a small riffle	3.5mph '12
134.2	R	Racetrack Camp (M)	Looked big in '10, pull in at small sandy beach, hike to Tapeats <b>SR 9:00 ~ SS 5:00</b>	
134.3	R	Tapeats Creek	Good trout fishing, <b>not potable water, no camping either side of Creek</b>	
134.4	R	Tapeats Creek & Deer Creek Loop	Hike up creek right 100 yards, follow trail 1/4 mi to top of cliff, 1/4 mi back to creek, waterslide, pools, hike up a few 100 yds to ford, cross to creek left to Thunder River, back into limestone wall where Thunder Springs emerges, on to Deer Creek Loop	
134.3		Tapeats Rapid (5)		
134.4	R	Lower Tapeats Camp (M)	Tent spots among the cobbles, in 2012 a group laid over and hiked from here	
134.8	L	Above Owl Eyes Camp (L)	Large camp, easy pull in and a sandy beach	
135.2	L	Owl Eyes Camp (L)	Large camp with easy sandy beach pull in, look south at 2 indents in the Coconino on Great Thumb Mesa	Nite 10 ~ '10 Nite 11 ~ '06

Mile	Bank	Camps ~ Attractions ~ Rapids	Brown is Park Service ~ SR is Sunrise ~ SS is Sunset	Prior Trips
135.3		Helicopter Eddy Rapid (135 Mile) (3)		
135.6		Narrowest point on the river	76' wide, 100' deep, Vishnu Schist appears again, Granite Narrows	
135.9	R	Christmas Tree Cave	Stalagmites and stalactites	
136.1	R	136.1 Mile Camp (S)	Very small, with good shade, not on NPS list	
136.6	L	Junebug Camp (S)	Small, hot camp, <b>SR 7:00 ~ SS 5:30</b>	
136.6	R	Mile 136 thru 137.4	<b>No camping .25 miles above to .5 miles below Deer Creek river right</b>	
136.8	L	Across Deer Creek Camp (M)	Ferry to Deer Creek, shade	
136.9	R	Deer Creek Falls	<b>Not potable water</b> , Waterfall & hike, up Deer Creek to small stream coming in from right. Follow stream up the side of the canyon wall to Vaughn Springs, a small Thunder River.	
136.8	R	Patio & Narrows	Take throw bag, climb down in narrows, hike up to the patio above the waterfall, <b>Prohibited</b>	
136.8	R	Throne Room	1 mile from patio, at top of hike from Deer Creek, exit patio, head back towards Surprise Valley, cross creek, go up another rise to where spring comes out of wall	
136.8	R	Surprise Valley	Follow Deer Creek through Surprise Valley to Dutton Falls	
137.1	L	OC's Camp (L)	Large camp, on left just below Deer Creek	
136.5	L	Anasazi granaries	Base of cliff on top of talus slope	
136.6	L	Poncho's Kitchen Camp (L)	Share fan w/other two, west half gets earlier sun, quiet <b>SR 12:30 ~ SS 4:00 pm</b>	Nite 12 ~ '06
137.7	L	Football Field Camp (L)	Shares debris fan with other two, quiet <b>SR 6:30 ~ SS 2:30</b>	
137.8	L	Backeddy Camp (M)	Shares debris fan with other two, very shady, quiet <b>SR 8:30 ~ SS 10:00</b>	
137.8		Geology	Last of the Vishnu Schist and the end of Middle Granite Gorge	
138.4		Doris Rapid (4)		
138.6	R	Spring	<b>Water at spring</b> , slow seep below eddy on right	
138.6	L	Doris Camp (M)	Not obvious until you pass it, small overhang for protection <b>SR 7:00 ~ SS 10:30 am</b>	
139.1	L	139.1 Mile Camp (S)	Small	
139.2		138.5 Mile Rapid (3)		
139.6	R	Fishtail Camp (S)	Upstream end of Fishtail Canyon debris fan, climb up to camping area	
139.7		Fishtail Rapid (4)		Lunch '10
140.4	L	Keyhole Camp (M)	Last camp for 3 miles, upper end of 140 Mile Canyon debris fan, camp here to hike Kanab in the early AM, leave boats at mouth then to below Kanab	
140.4	L	140 Mile Canyon	Over dune at mouth small spring & cottonwoods, difficult 2 mi hike to glimpse of Keyhole Natural Bridge up canyon take fork creek left, waterfall at top and hint of light is from bridge which you can never get a good view of	
140-5		Geology	Start of Muav Gorge through Supai Formation down to the Bright Angle shale	
141.7		141 Mile Rapid (2)		
143.9	L	Above Kanab Camp (S)	Very small, rough, eroded, watch for flooding	
144.0	R	Kanab Creek	<b>Water at creek (urp)</b> , 3.5 mi to first major side canyon on right, great hike to Whispering Springs & pool, camp at Keyhole, hike then at Below Kanab, <b>No camping ¼ mile above to ¼ mile below Kanab Creek.</b>	
144.0		Kanab Rapid (3)	Begins fast flowing water for a few miles	
144.8	R	Below Kanab (M)	Low water camp, among boulders at the first small drainage below Kanab Creek	
145.9	L	Above Olo (145 Mile) Camp (S)	Small, easy to miss, hidden from view behind a debris fan <b>SR 11:00 ~ SS 2:30</b>	
146.1	L	Olo Canyon Camp (S)	Very small low water camp, boulder choked, lower end of debris fan at mouth of Olo	
146.1	L	Olo Canyon	<b>Water at creek</b> , bring rope ladder to access canyon, or climb up left, slope, 60 ft cliff to slab, climb waterfall at back on right side	

Mile	Bank	Camps ~ Attractions ~ Rapids	Brown is Park Service ~ SR is Sunrise ~ SS is Sunset	Prior Trips
148.3	R	Spring	<b>Water at spring</b>	
148.4	L	Matkatamiba	Pull in 1/8 mi above at small beach and hike up, pull in at mouth, pull in below rapid and hike up cliff, at low water no lower pull in, oar boats pull in 3 min apart, look for climbing bolt high on left, <b>water at creek, no camping</b>	
148.4		Matkatamiba Rapid (1)		
148.4	R	Opposite Matkat (S)	? There ?	
148.9	L	Matkatamiba Hotel Camp (M)	Small camp with no sun <b>SR 8:00 ~ SS 9:30 am's!</b>	Nite 11 ~ '10
150.2		Upset Rapid (6)	Scout Right - <b>run left stay left!</b>	
150.3	R	Upset Rapids Camp (Patch) (M)	? There ?	
150.7	L	Upset Hotel Camp (S)	Narrow and long, rain protection, haul kitchen up <b>SR 2:00 ~ SS 4:00 pm's!</b>	
151.9	R	Upper Ledges Camp (M)	Small camp on rough ledges	
152.1	R	Ledges Camp (M)	Fast current, don't miss pull in, last decent camp before Havasu hike above to agave roasting pit, <b>water at spring, SR 10:30 ~ SS 3:00</b>	Nite 13 ~ '06 Nite 14 ~ '12
152.2	R	Spring	<b>Water at spring</b>	
154.0		Sinyella Rapid (2)		
155.2	L	Flora	Ocotillo above, not cactus, cane-like shrub with thrones that may have flowers	
156.0	R	Spring	<b>Water at spring</b>	
156.3	R	Last Chance Camp (M)	Just above a small riffle, easy to miss, 1/4 mile below waterfall at 155.9, <b>water at spring SR 10:00 ~ SS 2:30</b>	
156.6	R	Spring	<b>Water at spring</b>	
156.9	R	Last Last Chance Camp (S)	Anywhere before Havasu you think it will work, sleep on boats, <b>Water at spring</b>	
157.3	L	Havasu Creek Canyon	Don't miss pull in just past ledge, motor rigs tie up below?, <b>not potable water, no camping 100 yards above to .5 miles down river</b>	
157.3	L	Beaver Falls	4.25 miles up (2.5 hrs up), dive behind falls to Green Room, above Beaver Falls you must pay Havasupai Fees ('12 they charged before Beaver), 6.5 more miles to Mooney Falls, 2.5 miles more to phone at Supai	
157.3		Havasu Rapid (3)		
158.3	R	First Chance Camp (S)	Very small, rough, just below a riffle	
158.7	R	158.7 Mile Camp (M)	Looks good 2012, above riffle at bend in river, current, don't miss fast pull in, large ledges great camp, hike	
159.2	R	Second Chance Camp (S)	Very small sandy beach and easy to miss	
159.7	L	Geology	Two 750,000 year old basalt dikes cross the canyon, a 2-5 foot wide black line from the river to the rim, one above and one below the side drainage entering on river left	
160.5	L	160.5 Mile Camp (S)	Low water camp, small long thin camp, not very obvious	
160.5		Geology	For 60 miles the river is cutting through mostly Bright Angel Shale	
161.3	R	161 Mile Camp (M)	Small rough camp on a debris fan	
165.1	R	Above Tuckup (S)	? There ?	
165.0		Tuckup Rapid (164 Mile) (2)		
165.0	R	Tuckup Canyon	Fine hiking with waterfalls and plunge pools requiring climbing skills	
165.2	R	Tuckup Canyon Camp (L)	No in '10, big rocks on beach, surge hard on boats, pull in mid cobble bar or below	
165.4	L	Below Tuckup Camp (S)	Small, overhang, good camp for 6 people (per '10), am shade	Nite 12 ~ '10
165.7	R	165 Mile Camp (S)	? There ?	
167.0	L	National Canyon	Easy first 3/4 mile with water and shade, Muav limestone patios, then climb up and around narrows on left to patios & pools, Can hike 20 miles to rim	

Mile	Bank	Camps ~ Attractions ~ Rapids	Brown is Park Service ~ SR is Sunrise ~ SS is Sunset	Prior Trips
167.0		National Rapid (2)		
167.0	L	Upper National Camp (L)	Obliterated by a huge 2012 debris flow, 3 small spots remain, hike	Nite 14 ~ '06 15-16 ~ '12
167.1	L	Lower National Camp (L)	Obliterated by 2012 debris flow, 3 small spots remain, hike <b>SR 11:00 ~ SS 4:30</b>	
167.5	L	Below National (S)	Obliterated by a huge 2012 debris flow, 3 small spots remain, hike	
167.7	L	167.7 Mile Camp	Small, brushy, not on NPS list	
168.5		Fern Glen Rapid (2)		
168.5	R	Fern Glen Canyon	.5 mile to shade, amphitheater, small waterfall (none in '06)	
168.6	R	Fern Glen Camp (L)	Pull in at downstream end of long beach, flies? good camp, 1 hr hike <b>SR 7:30 ~ 3:30</b>	
169.0		Geology	The Bright Angel Shale is exposed at river level as it was by Saddle Canyon 120 miles ago	
171.6	R	Stairway Canyon	Easy 1 mi walk up canyon with pour-over & pool, difficult Stairway Tower at mouth	
171.6	R	Stairway Canyon Camp (M)	Pull in at the middle of the canyon's debris fan, fine camp - better than Mohawk	
171.9	L	Mohawk (Gateway) Canyon	Hot with no water in summer, need Hualapai permit	
171.9		Gateway Rapid (2)		
172.1	L	Mohawk Camp (L)	Wonderful huge camp at low water level, hike <b>SR 8:00 ~ SS 5:00</b>	
172.6	L	172 Mile Camp (S)	Small and brushy with overhang	
173.5	R	173.5 Mile Camp	Small, brushy, Not on NPS list	
174.7	R	Upper Cove Camp (M)	Large camp at the top of the Cove Canyon debris fan <b>SR 7:30 ~ SS 5:00</b>	
174.8	R	Lower Cove Camp (L)	Looked good in 2012, large camp, pull in at middle of the Cove Canyon debris fan	
176.3	L	Below Red Slide Camp (L)	Pull in at the lower end of the debris fan, large and exposed <b>SR 9:00 ~ SS 3:30</b>	
177.6	L	Honga Springs Camp (M)	Nice, large, <b>SR 9:30 ~ SS 4:00</b>	
178.1	L	Above Anvil Camp (L)	Good camp, nice and large, pull in at the top of the debris fan	Nite 15 ~ '06
178.3		Vulcan's Anvil	Large lava pinnacle in river, kiss for good luck	
179.5	R	Vulcan's Throne Hike	Follow Toroweap Route up 3500 feet for view, hot, no shade	
179.5	L	Above Lava Camp (M)	Nice medium camp, noisy says one, far enough away so not too noisy says another	
179.7	L	Prospect Canyon	Hike up, up 1 1/2 miles to great view of how Lava was made	
179.7	L	Just above Lava Camp	Last ditch, 50 yards above Lava, watch flash floods, not on NPS list	
179.7		Lava Falls Rapid (9)	The fastest navigable water in the western hemisphere	
180.1		Lower Lava Rapid (4)		
180.0	R&L	Camp Restrictions 180-188	Camps are important to trips with exchanges at Whitmore helipad, am heli noise	
180.1	R	Below Lower Lava Camp (L)	"Tequila Beach", large, easy pull in <b>SR 7:30 ~ SS 4:00</b>	
181.4	L	Gushing Spring	Watch near left bank for shooting spring, tastes of sulfur	
182.8	R	Upper Chevron Camp (L)	Large and sandy with shade	Nite 13 ~ '10
182.9	R	Lower Chevron Camp (M)	Only saw one Chevron camp in '10	
183.1	L	183.1 Mile Camp	Small and brushy, not on NPS list	
183.3	L	Below Old Helipad Camp (M)	Large camp with hiking	
184.9	L	184.9 Mile (185 Mile) Camp (S)	Bad boat parking, not flat	
185.7		185 Mile Rapid (2)		
185.9	R	Upper 185 Mile Camp (L)	Large sandy camp at the foot of the rapid	Nite 17 ~ '12
186.0	R	Lower 185 Mile Camp (L)	Large with wind shelter, put tents among the tammy's	
186.4	L	186.4 Mile Camp (L)	<b>SR 8:00 ~ SS 4:30</b>	
187.4	L	Whitmore Helipad		
187.5	L	Whitmore Helipad (M)	<b>SR 11:30 ~ SS 5:00</b>	
187.9	R	Whitmore Wash	100 yards to small ruin site, pictographs so. a few yards, 1 mi to rim Whitmore Wash Trail	
188.3		Whitmore Wash Rapid (3)		

Mile	Bank	Camps ~ Attractions ~ Rapids	Brown is Park Service ~ SR is Sunrise ~ SS is Sunset	Prior Trips
188.4	R	Whitmore Wash Camp (L)	Pull in just upriver from the mouth of Whitmore Wash creek bed	
188.7	R	Lower Whitmore Camp (L)	Windy <b>SR 8:30 ~ SS 5:00</b>	
190.0		Geology	Hurricane Fault crisscrosses for 1.5 miles, Vishnu Schistr & Zoroaster Granite with Tapeats Sandstone on top, and the islands at 190.2, then back to Bright Angel Shale	
190.4	L	190 Mile Camp (Granite Island) (S)	Medium, hard pull in, carry gear a ways, good hike	
190.7	L	190.7 Mile Camp (S)	Hard to spot, pull in at the top of the debris fan from a small drainage	
191.5	R	Upper Fat City Camp (M)	Open and windswept on a cobble bar	
192.3	L	Fat City Camp (L)	Once past small cobble bar at 191.5 MOVE LEFT, great camp, morning shade,	
192.2	L	192 Mile Canyon	No shade easy hike up canyon to rolling hills & great view	
192.8	R	192.8 Mile Camp	Overgrown, not on NPS list	
193.3	L	193.3 Mile Camp (S)	At the foot of the 193 Canyon Riffle's debris fan, no shade - hot spot, good hike	
193.3	L	193 Mile Canyon	1 Hr hike to impressive limestone narrows, 7 mi further Granite Park Saddle & view	
193.5		Cobble Bar	Watch cobble bar in the middle, go right or left	
194.6	L	Hualapai Acres Camp (L)	Sandy camp, better than the camp at the canyon, early shade <b>SR 7:30 ~ SS 4:30</b>	Nite 16 ~ '06
195.0	L	194 Mile Canyon	Difficult hike up to the Esplanade	
194.9	L	194 Mile Camp	Overgrown, not on NPS list	Nite 16 ~ '06
196.9	L	Froggy Fault Camp (M)	Brushy, at the middle of 196 Mile Canyon debris fan	
197.0	L	Below Froggy Fault Camp (S)	Back of the large eddy below 196 Mile Canyon debris fan, up a small steep bank	
197.0		Geology	For the next 6 miles the rock at river level is the soft Bright angel Shale	
198.9	R	Parashant Camp (M)	Pull in at small eddy at lower of debris fan from Parashant Canyon, hike, good camp, early shade <b>SR 8:30 ~ 2:30</b>	
198.9	R	Parashant Canyon	Book of Worms, Agave Roasting Pit upstream of wash, easy 7 miles to Copper Mtn Mine, Very difficult to Mollies Nipple	Lunch '10
199.3	R	Below Parashant Camp (M)	Most camps in this area are rocky and overgrown	Nite 14 ~ '10
200.9	L	200.9 Mile Camp	Small, overgrown, not on NPS list	
201.6	R	201.6 Mile Camp	Small, overgrown, not on NPS list	
202.3	R	202 Mile Camp (M)	At the top of the eddy just below the debris fan from small side canyon, big sandy beach <b>SR 8:30 ~ SS 4:00</b>	Lunch '06 Nite 18 ~ '12
202.3	R	Rock Art & Roasting Pit	Up sm wash behind camp a few 100 yds, band of low limestone cliffs, north is small path up to cliffs base, knee high rock art, pile of burnt rock 30 ft in dia = roasting pit	
202.9	R	203 Mile Camp (M)	Brushy, overgrown, tent clearings not apparent from river	
204.6	R	Spring Canyon	<b>Water at spring</b> , pull in downstream of eddy, gotta walk up the draw a little to water through thick brush, bubbling out of reeds, after that it's a hot hike to a view	
204.9	R	Below Spring Canyon Camp (S)	? There ? Hot in summer, low water large camp	
205.4	L	205 Mile Canyon	Pull in at top of 205 mile rapid, easy 3/4 mile hike thru Hurricane Fault, hot summer	
205.4		Kolb Rapid (205 Mile) (6)	Scout Left	
205.7	L	205 Mile Camp (S)	Foot of the rapid, hard pull in, upper corner of the large eddy, noisy, hot in summer	
206.7		Geology	Tapeats Sandstone is a river level for less than a mile	
207.0	R	Indian Canyon Camp (M)	Nice quiet camp, hike at cairns near north side of camp thru the Tapeats, past agave pits, and remains of jars	
207.9	L	Big Bar Camp (S)	Better than Indian but exposed to sun & wind	
209.1	L	Granite Park	Difficult hike south to the top of the Redwall, Very difficult west to Dr Tommy Mountain	
209.1	L	Granite Park Camp (L)	In eddy just above rapid, nice, shade, hike, last shade tree for miles <b>SR 9:00 ~ SS 5:30</b>	
209.4	R	209 Mile Canyon	Long walk thru hot canyon with no water, lots of current thru here	
209.2		209 Mile Rapid (5)	Scout Right	

Mile	Bank	Camps ~ Attractions ~ Rapids	Brown is Park Service ~ SR is Sunrise ~ SS is Sunset	Prior Trips
209.2	L	Spring	Water at spring?	
209.8	R	Upper 210 Mile Bar (209.8 Mile) (L)	Cobble bar corner with no protection	
210.2	R	Lower 210 Mile Bar (210.2 Mile) (L)	Medium, rocky	
211.0	R	Big Cedar Camp	Small camp, not on NPS list	
211.9	R	Upper Fall Canyon Camp (M)	Nice medium camp, good boat eddy, sand hill, looks sketchy 2012	
212.0	R	Lower Fall Canyon Camp (S)	Small with no protection, looks sketchy 2012	
212.5		Little Bastard Rapid (3)		
212.9		Geology	Goodbye Bright Angel Shale hello Tapeats Sandstone	
213.1	L	Above Pumpkin Springs Camp (S)	? There ?	
213.2	L	Pumpkin Springs Hot Springs	Not potable water	Lunch '10
213.3	L	Pumpkin Springs Camp (L)	Looked good but used '10	
213.8	L	Below Pumpkin Springs Camp (L)	Medium, not on NPS list	
214.4	R	214 Mile Canyon	Hot hike, 3.5 miles to small pool	
214.5	R	214 Mile Camp (M)	Small camp, a little protection Lunch Spot	
216.0	L	Three Springs Canyon	Pull in just before rapid at small eddy just above cliffs, water at spring, follow trail 100 yards up and over cliffs to stream, shade, easy hike, Lunch spot	Water '10
216.0		Three Springs Rapid (2)		
216.1	R	Opposite Three Springs (L)	Small camp at foot of the rapid	
216.4		Geology	Lower Granite Gorge begins with the Diamond Creek Pluton which is a granite	
217.2	L	217.2 Mile camp	Small, brushy, Not on NPS list	
217.8		217 Mile Rapid (5)	Scout Left	
218.0	L	Below 217 Mile Rapid (218 Mile) (M)	At the top of the eddy below 217 Mile Rapid	
219.6		Ducky Eater Riffle (0)		
220.0	R&L	Camp restrictions 220-226	Camps are important to Diamond Creek take outs	
220.0	R	220 Mile Canyon	Easy walk up wash less than 1/2 mile to small seep and polished boulders, up canyon to Trail Canyon, Trail Canyon to prospector camp	
220.0	R	Upper 220 Camp (L)	3 great camps, this one's best, at the top of 220 Mile debris fan SR 07:00 ~ SS 4:00	Nite 15 ~ '10 Nite 17 ~ '06
220.1	R	Middle 220 Camp (M)		Nite 19 ~ '12
220.2	R	Lower 220 Mile Camp (M)	At the very end of the 220 Mile debris fan, small camp, early shade, don't miss eddy	
220.7		Granite Spring Rapid (2)	River booty in eddy on right at 221.4	
221.6	R	221 Mile Camp (L)	Large camp, easy pull in	
221.8	L	Spring	Water at spring	
222.2	L	222 Mile Camp (L)	Pull in near the top of the eddy, large camp, hike up 222 Mile Canyon	
223.2	R	223.2 Mile Camp	Medium, not on NPS list	
223.7	L	224 Mile Camp (M)	At the top of the debris fan from 224 Mile Canyon, don't miss it, play the eddy	
223.7		224 Mile Rapid (3)		
224.9	L	224.9 Mile Camp (M)	Downriver end of tiny debris fan formed by canyon, hill to camp SR 08:30 ~ SS 5:00	
225.2		Cable Crossing and Gauge Station	In 2012 it was 6" below the gauge	
225.7	R	Last Chance Above Diamond (S)	Brushy, on a small debris fan	
225.9	L	Diamond Creek	Not potable water, Hike 1 mi up Diamond Rd, leave rd., follow creek 1 mile to waterfall	
225.9	L	Diamond Creek Boat Ramp		Lunch '10
225.9		Diamond Creek Rapid (4)		
226.0	R&L	Camp restrictions 226-280	Campsites in this reach change frequently due to flows and silt-bank movement	

Mile	Bank	Camps ~ Attractions ~ Rapids	Brown is Park Service ~ SR is Sunrise ~ SS is Sunset	Prior Trips
226.3	R	Truck Seat Camp (226.2 Mile) (L)	Good camp, to get there you need to run Diamond Creek Rapid on the right	
227.3	R	227.3 Mile Camp (S)	Small camp with small pull in and swift current just below pull in	
228.4	R	228.4 Mile Camp (S)	? There ?	
228.5	R	228.5 Mile Camp (S)	? There ?	
229.2		Travertine Rapid (2)		
229.3	L	Travertine Canyon	Waterfalls - Difficult climb to more big waterfalls, water has an odd taste	
229.3	L	Travertine Canyon Camp (S)	Small rocky at foot of Travertine Canyon debris fan, stay left, small eddy, surging, bumpy	Nite 16 ~ 10
230.6	L	Travertine Falls Camp (S)	Stay left to catch eddy after rapid, hike, camp could be up or down depending on water	
230.7	L	Travertine Falls	A large travertine cone with a trickle of water cascading over the surface of the cone	
231.0		231 Mile Rapid (5)	Scout Left Run down the right, in 2010 guys said they should upgrade this rapid	
231.0	R	231 Mile Camp (S)	Small boat park, camp up a steep sand bank	
232.5		Killer Fang Falls (232 Mile) (5)	Scout Right - pull in just above the rapid on the right	
233.9		234 Mile Rapid (5)		
234.4	R	234.4 Mile Camp (S)	?There? Small sandy camp among schist boulders	
235.1	L	235.1 Mile Camp	Medium sandy camp on bench above the river, steep bank but has tammy's for shade, Not on NPS list	
235.3	L	Bridge Canyon	Easy 1/2 mi walk up small path on left of creek, crosses creek, up to bridge	
235.3	L	Bridge Canyon Camp (S)	Great little camp... looks like it '10, in the middle of debris fan pull in right at the top of the rapid, early shade in the summer, **Do not night float from here it's not the last rapid**	
235.3		Bridge Canyon Rapid (4)		
236.0		Gneiss Canyon Rapid (5)		
236.1	R	Gneiss Canyon Camp (M)	Tough to make, small beach camp - just a sand dune. Great little hike in the granite.	
236.7	L	236.7 Mile Camp (S)	Small, sandy, doable but long haul up dune in '10	
237.3		237 Mile Rapid (5)	Last rapid?	
237.7	L	Bridge Canyon Dam site	Signs of exploration in the next mile, from the 40's & 50's	
238.7	L	Bridge City Camp (S)	Small, brushy, good camp had side canyon flash flood last summer is campable but is not as nice. 2 hour hike to great views of Separation and upstream on top of the Tapeats. Go up obvious steep drainage with seep. There is a well worn trail to the mother of all cairns overlooking camp and beyond.	
239.8	R	Separation Canyon Camp (L)	Right side of Separation, large gravel outwash, popular camp, and dinner spot for night floaters. 12 hours to takeout by night float with no rowing. If one leaves at 7 pm you may be at Pearce at 7 am	Lunch '10
239.8	L	Left Side of Separation	Great hike up dry creek bed. Through the hike and at the tapeats level one can see the Powell parties hike out. Glorious. You can hike back to Bridge Canyon City on the trail where the tapeats hits the drainage.	
239.8		Separation Rapid	Buried	
240.6		240 Mile Rapid	Buried	
241.6		241 Mile Rapid	Buried	
242.6	R	242.6 Mile Camp	Small on debris fan, Not on NPS list	
243.0	R	243 Mile Camp (M)	Large, very used, good camp, hard to see, tucked away in a small cove	
246.2	L	Spencer Canyon Camp (L)	On cobble, hike, has composting toilet, rough, very large @ low lake level	
246.3		Spencer Canyon	Water at stream, hike up stream or climb up Tapeats cliffs on right & hike, Meriwhitica Canyon enters at rt after 2 mi, hot summer! Hualapai request not hike	

Mile	Bank	Camps ~ Attractions ~ Rapids	Brown is Park Service ~ SR is Sunrise ~ SS is Sunset	Prior Trips
246.3		Lava Cliff Rapid	Buried	
248.6		Surprise Rapid	Buried	
248.7	R	Surprise Canyon Camp (L)	Fine camp on debris fan at low levels, hike, beach	
249.3		Lost Creek Rapid	Buried	
250.0	R	Tomahawk (250 Mile Camp) (O)	Campable sandbar at low water	
252.0		SHALLOW	Ran aground in 2010	
252.6	L	Reference Point Creek	Access is silt-filled, heavily vegetated, hike in from up or downstream is you need to	
252.7		Reference Point Rapid	Buried	
253.3		Last Chance Rapid	Buried	
254.0		Sandbar Alley	Be on the lookout for the next 2 miles	
255.7		Devils Slide Rapid	Buried	
255.7	R	Salt Creek	Access by going overland from point upstream	
257.2		Triumphal Arch Rapid	Buried	
259.2		Travertine Deposits	Travertine on the left have cemented erosional debris in place for 1 mile	
259.2		Helicopter Activity	Multiple helipads for the next 3 miles	
259.8		Burnt Springs Canyon	Hike	
259.9		Waterfall Rapid	Buried	
260.3	L	Quartermaster Spring	<b>Water at spring</b> , lots of water but hard to get to, look west southwest to see waterfall	
261.2	L	Lower Quartermaster Camp (O)	?There? Up a silt bank, <b>helicopter activity OMG night float!</b>	
261.5	L	261.6 Mile Camp	Small above steep debris fan, badly eroded	
262.2	L	Floating Docks	One at 262.2 the other a half mile later, expect pontoon boats and helicopters	
262.3		Wards Cave Rapid	Buried	
264.6	R	Dry Canyon Camp (264 Mile ) (O)	Medium, on low terraces, helicopter activity, evidence of attempt at log steps	
265.5	M	Sandbar Camp	Large, Not on NPS list, sand bar camps are susceptible to complete and unanticipated inundation at any time, especially during the monsoon season.	
265.5	L	Skywalk	Visible up a side canyon	
266.0		<b>Bat Cave</b>	<b>Entry into the cave is prohibited</b>	
269.3	L	Beach Camp	Small, Not on NPS list, a pair of small low beaches	
269.5	R	Spring	<b>Water at spring</b> , riverside warm spring	
270.8	R	Beach Camp	Small, brushy, Not on NPS list	
271.0	L	Good ENUF Camp	Saw sandbar camp in 2010, not on NPS list	Nite 17 ~ '10
271.2	L	Spring	Spring with hanging garden, 1/2 Mile from river up side canyon	
273.7	L	Mile 273.7 Camp (L)	A large camp has formed on river left at the 273.7 mile curve.	
274.2	L	Spring	Saw spring in 2010 and noted it as a <b>LUNCH STOP!</b>	
274.3	L	Columbine Falls	<b>Water at stream</b> , tie upstream corner of sm cove, hike against cliff 1/4 mi, hard hike above falls to Cave Canyon, high water motor to falls, nice, no camping w/in 300 yds	
274.5		<b>Rampart Cave</b>	<b>Entry into the cave is prohibited</b>	
275.5		Riffle	The river current is deflected off of a submerged cliff on river left and forced into vegetation on river right. Avoid floating into strainers along the right bank and right third of the main river channel. Look for clear side stream entering on river right.	
279.0	L	It'll Do Camp (279 Mile Camp)	Large, nice, 100 degrees in the shade, bugs, hot, hot, hot in 2010, Not on NPS list	Nite 18 ~ '10
279.4	L	Scorpion Island Camp (279.4 Mi) (O)	Medium camp at southern end of island, not bad, poss high water only, easy to miss	
280.0		Grand Wash Cliffs	End of the canyon	
280.0	R	Mile 280 Camp (Last Chance) (O)	Medium brushy camp in site of boat ramp, nice camp per 2010	
290.0	R	Pearce Ferry Boat Ramp	Bad camp	