

79	1	3	2	1	0	0	1
79	2	6	3	3	0	0	0
79	2	2	1	1	0	0	0
82	1	40	21	19	2	0	0
82	1	10	6	4	2	0	0
82	1	3	2	1	0	0	1
82	1	4	2	2	0	0	0
82	1	2	1	1	0	0	0
82	1	2	1	1	0	0	0
82	1	6	4	2	2	0	0
82	2	2	2	0	2	0	0
SUMMER - only SUMMARY		PARTY NO. (people)	CRAFT NO.	canoes	kayaks	jetboats	other
Total =		2241	1277	838	413	7	13
239 groups 25 days (groups/day = 9.6)		Av /group =	8.75	4.99	3.27	1.61	0.03
		Av /day =	89.64	51.08	33.52	16.52	0.28
88	2	4	2	2	0	0	0
88	2	2	2	0	2	0	0
91	2	2	1	1	0	0	0
91	2	5	3	2	1	0	0
91	2	2	2	0	2	0	0
91	2	12	12	0	12	0	0
91	2	16	13	3	10	0	0
91	2	3	2	1	1	0	0
91	2	20	12	8	2	0	0
91	2	8	4	4	0	0	0
91	2	10	5	5	0	0	0
91	2	6	3	3	0	0	0
91	2	18	9	9	0	0	0
91	2	6	4	2	2	0	0
91	2	12	7	5	2	0	0
91	2	10	5	5	0	0	0
91	2	7	3	3	0	0	0
EASTER - only SUMMARY		PARTY NO.	CRAFT NO.	canoes	kayaks	jetboats	other
Total =		143	89	53	34	0	0
17 groups 2 days		Av /group =	8.41	5.24	3.12	2.00	0.00
		Av /day =	71.50	44.50	26.50	17.00	0.00
Most of the canoeists were counted on the second of two River patrols at easter (15 of the 17 groups on Day 91 - 20th April). This suggests a short intense 'wave' of canoeists travel the river along a similar trip pattern. Any calculation of an average daily figure for easter would be misleading in this situation.							
TOTAL SAMPLE SUMMARY		PARTY NO.	CRAFT NO.	canoes	kayaks	jetboats	other
Total =		2384	1366	838	413	7	13
256 groups 27 days (groups/day= 9.5)		Av /group =	9.31	5.34	3.27	1.61	0.03
		Av /day =	88.30	50.59	31.04	15.30	0.26

4. There are many different things that make up the ' Whanganui River Experience', some of which are listed below. Please show how important each of these has been to you here by circling the appropriate number.

		Not important		Moderately important		Extremely important	[for Q. 15] SATS
1.	Scenery/Views	1	2	3	4	5	
2.	Peace/Quiet	1	2	3	4	5	
3.	Solitude	1	2	3	4	5	
4.	Being with family/friends	1	2	3	4	5	
5.	Meeting others	1	2	3	4	5	
6.	Wilderness feelings	1	2	3	4	5	
7.	Being in natural places	1	2	3	4	5	
8.	Living it up/partying in evenings	1	2	3	4	5	
9.	Exploring side streams/tributaries	1	2	3	4	5	
10.	Walking on tracks beside River	1	2	3	4	5	
11.	Whitewater/running rapids	1	2	3	4	5	
12.	Relaxed easy water	1	2	3	4	5	
13.	Informal camping opportunities	1	2	3	4	5	
14.	Developed campsites	1	2	3	4	5	
15.	Toilets at huts/campsites	1	2	3	4	5	
16.	Having Huts to stay in	1	2	3	4	5	
17.	Physical exercise/challenge	1	2	3	4	5	
18.	Get away from it all/escape	1	2	3	4	5	
19.	Learning River history	1	2	3	4	5	
20.	Contact with Maori culture	1	2	3	4	5	
21.	Multi day river trip	1	2	3	4	5	
22.	Safe water/collection points	1	2	3	4	5	
23.	DOC hut wardens in huts	1	2	3	4	5	
24.	DOC river Patrols	1	2	3	4	5	
25.	Other? _____	1	2	3	4	5	

5. This question will tell us how satisfied you were on your trip with each of these things listed above. Write a number from the 1 to 5 scale below in the boxes provided above on the right (e.g. under `SATS').

1	2	3	4	5
Very Dissatisfied		Neutral/ doesn't matter		Very Satisfied

6. The following are things you may have encountered on your trip. Please indicate how each affected you by circling the appropriate number. If you didn't see or do some of these things, mark column 1.

	I <u>didn't</u> encounter this	It <u>didn't</u> bother me	It bothered me <u>a little</u>	It bothered me <u>a lot</u>	
1. Finding litter in the river	1	2	3	4	5
2. Finding litter at campsites	1	2	3	4	5
3. Health problems/sickness from water	1	2	3	4	5
4. Being aware of polluted water in River	1	2	3	4	5
5. Too many other groups on River	1	2	3	4	5
6. Too many big groups on River	1	2	3	4	5
7. Meeting Jetboats on River	1	2	3	4	5
8. Meeting Boats with Outboards	1	2	3	4	5
9. Seeing human waste/toilet paper	1	2	3	4	5
10. Over-development (tracks, huts, signs)	1	2	3	4	5
11. Camping without toilets or water supplies	1	2	3	4	5
12. Having bad campsites because others full	1	2	3	4	5
13. Loud groups disturbing us at campsites	1	2	3	4	5
14. Having to share campsites with others	1	2	3	4	5
15. Seeing goats grazing on riverbanks	1	2	3	4	5
16. Not being able to use huts - too full	1	2	3	4	5
17. Lack of firewood	1	2	3	4	5
18. Vegetation damage at campsites/huts	1	2	3	4	5
19. Seeing dead animals in/beside river	1	2	3	4	5
20. Other? _____	1	2	3	4	5

7. a) Did you feel the river was crowded? (Circle a number)

Not at all crowded	Slightly crowded	Moderately crowded	Extremely crowded
1	2	3	4
5	6	7	8
9			

b) Did you feel more crowded at some places rather than others?

Yes No (if No go to Question 8)

c) Where did you feel crowded most? _____

(which number from above would you choose for it? _____)

- d) In general, was crowding -
- mostly in huts
 - mostly at campsites
 - both huts and campsites
 - on the river itself
 - at landings/boatramps
 - Other? _____

8. Please fill in the gaps in the statements below, to tell us how you felt about seeing other river users while on your trip.

- a) On average, we saw about _____ other groups on the river each day. (if you saw the same group more than once, count each time separately)
- b) It would be OK to see as many as _____ other groups per day.
- c) It would be OK to see as many as _____ jetboats per day.
- d) Our trip lasted _____ nights. We had to share huts/campsites on _____ of these nights.
- e) Ideally, I would like to have shared huts/campsites on _____ of these nights.

9. a) Do you plan to do this trip again in the future? Yes No Unsure

b) Reasons for choice? _____

c) If Yes, would you change the way you did the trip in any way? Yes No

(if Yes, how and why?) _____

10. What are the three most important changes that management should be trying to achieve on the River and for the recreation experience on it?

1. _____

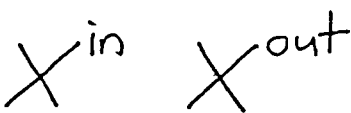

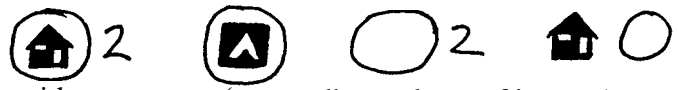
2. _____

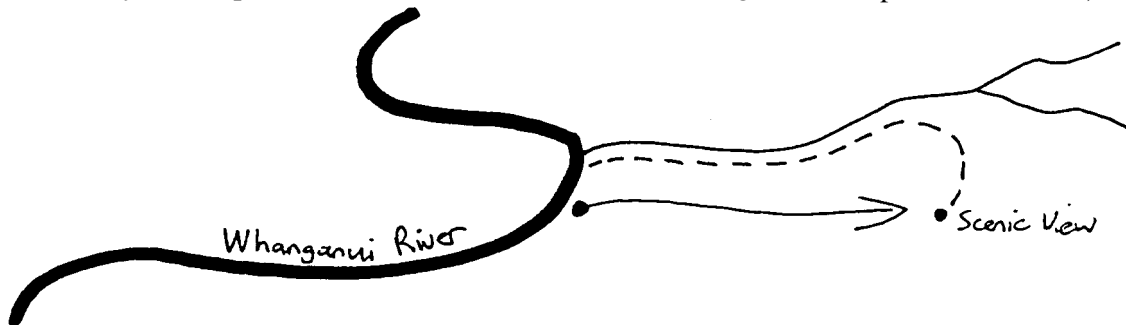
3. _____

11. Now we would like some descriptive information about you so we can build up a profile of Whanganui River users (this can not identify you as an individual in any way).

AGE	<input type="checkbox"/>	less than 19	Home location?	_____
	<input type="checkbox"/>	20-29	Occupation?	_____
	<input type="checkbox"/>	30-39		
	<input type="checkbox"/>	40-49		
	<input type="checkbox"/>	50-59	Sex	<input type="checkbox"/> Female
	<input type="checkbox"/>	more than 60		<input type="checkbox"/> Male

12. To help us identify the different use patterns on the Whanganui, please mark on the map the information requested below. (Refer to the maps after this page). This information is particularly important for better recreation management of the river setting.

- a) Mark your entry and exit points with an X. e.g. 
- b) Mark where you stayed overnight with a . If you used a hut, put circle around it. If you camped next to a hut, put a circle beside hut. Write the number of nights spent if more than 1. e.g. 
- c) Mark any side-trips made off the river with an arrow. (e.g. walks to places of interest)



Thanks for helping us with your time and information. Please feel free to add any further comments below.

COMMENTS

WARDENS' NOTES

WHANGANUI RIVER RECREATION STUDY

Your role:- to distribute and collect back completed survey questionnaires

The main requirement is that **ALL** hut users and nearby campers complete the questionnaire. (apart from children under 15)

- your approach to users and the way you introduce the questionnaire to them will be crucial to them taking it seriously. The study **IS IMPORTANT** to the River's management. This point needs to be made, but it's good to be friendly about it (this helps establish a good attitude).

- introduce yourself as the warden and research assistant
- tell them about survey and what its for (maintain river recreation quality, improve environmental conditions, better management etc)
- ask them to help by completing the form (offer to help with any queries)

- one response from each group is **NO USE AT ALL**; we need individual responses from each user if our analysis is going to be meaningful.

- if anyone has a problem with this approach please explain the need for individual response. That is, for statistical analysis to work; because the questions are designed for individual responses; because we need to know the 'individuals' perceptions of river use and impacts; because it provides the most useful information for management; because 'group' responses result in biased results (too many males, too many leaders, too many extroverts). Our results will not stand up to scrutiny if they are biased.

- if they are still unwilling to follow the required method you will have to record them as refusals (keep count) This is definitely a **LAST RESORT** though.

- we want people to complete **ALL** of the questionnaire. If some people try to stop when only half done, try to encourage them (questionnaire short as possible, should take 15-20 minutes). If this doesnt work, record them as refusals, and make sure you tell them so (it may be the necessary incentive)

- if you are explaining to someone how to answer a question, try to avoid influencing what they write (be careful how you use examples).

- If you have any major problems or queries you cannot deal with, refer them to either myself (Gordon Cessford, Social Scientist, DOC Wellington, ph 471 0726), Stephen Hormann (DOC Wanganui, ph 345 2404) or Dennis McDonnell, (DOC Pipiriki, ph 0658 54 631).

Please contact me if you have any problems at all with this and I'll be more than willing to help. **THANKS!**

NOTES: RIVER OBSERVATION RECORD

This information will provide a continuous record of river use over time. These notes provide background to aid entries onto the Record sheet. Notes are made here for each piece of information required. For data in the table, use one row for each group (party) encountered (including all river users).

DATE: date of today's monitoring. Only really need this for first sighting of each day.

DAY: whatever the day is (also same as in date)

TIME SEEN: be fairly accurate (to nearest quarter hour)

NO. OF CRAFT: craft in each group (assuming all are in same group)

TOTAL NO. OF PEOPLE: accurate counts should be possible.

TYPE OF CRAFT: state the type of craft the group is using (if mixed, describe)

STAYING AT HUT: what group doing when you see them - stopping to stay in hut
- stopping for water/rest
- passing by (no stops)

APPENDIX 3
Research timetable record

APPENDIX 3: Research Timetable Record.											
Data was collected from a variety of sources by a variety of means. This balanced available time and resources with research information needs. The process represented a compromise rather than an ideal system. Where possible the program collected complementary data.											
The information recorded below is organised by 'Day Number'. These are the number of days elapsed since the data collection processes commenced. For each day, the table tells us if the collection technique was used (done?), how many people were dealt with (no?), and descriptive notes where useful. Reference can be made to respective collection records for detail (eg group no,s; craft type etc).											
COLLECTION TIMETABLE											
DAY	DATE	QUESTIONNAIRE done?	no.?	SHORE COUNTS		PATROL COUNTS		NOTES	no.?	done?	no.?
				JOHN COULL	TIEKE	TOP	BOTTOM				
1	6-Dec										
2	10-Dec	0		1	6	1	4	1	7	1	17
3	11-Dec	0		1	3			1	12	1	13
4	12-Dec	0									
5	13-Dec	0									
6	14-Dec	0		1	18	1	2				
7	15-Dec	0				1	18				
8	16-Dec	0		1	4						
9	17-Dec	0		1	28						
10	18-Dec	0		1	2				1	30	4
11	19-Dec	0		1	9	1	21				
12	20-Dec			1	3				1	15	21
13	21-Dec			1	16						
14	22-Dec										
15	23-Dec			1	2						
16	24-Dec			1	15				1	19	8
17	25-Dec			1	8						
18	26-Dec			1	1						
19	27-Dec			1	43				1	84	126
20	28-Dec			1	67						