

Robson Bight (Michael Bigg)

Ref. No.:

385

ECOLOGICAL RESERVES COLLECTION
GOVERNMENT OF BRITISH COLUMBIA
VICTORIA, B.C.
V8V 1X4

ROBSON BIGHT

VISITOR

INFORMATION / WARDEN PROGRAM

SUMMER 1990

ROBSON BIGHT VISITOR INFORMATION/WARDEN PROGRAM

The 1990 Visitor Information/Warden Program began on June 28th until September 4th, then extended until September 30th. The hours of operation were from 10 a.m. until 5 p.m., and later on included a quick patrol of the Bight at 8 a.m. and again at 8 p.m.

In this report, I will break it down in two parts:

Part I - living conditions, environment, and problems encountered living in Boat Bay.

Part II - will deal with the patrol and visitor information program.

PART I

Johnstone Strait runs from east to west and Boat Bay is located on the southern shore on Cracroft Island opposite Robson Bight. This distance is about two miles.

Boat Bay itself is protected by a small island against the prevailing winds which are easterlies in the winter and westerlies in the summer. Unfortunately, Boat Bay has a high tidal range and a rock strewn beach which precludes pulling the boats upon the beach. This necessitates anchoring each boat off shore and using a rubber dingy to get back and forward to the boats. This in turn has its problems, which is security. The boats are not visible from the camping area, leaving them vulnerable to theft and drifting in high winds. The drifting can be solved by running a long rope from the shore to both anchors. Also, each boat has to be anchored far enough out to allow for the tide, otherwise they become high and dry at low tide.

The campsite has no fresh water, so it all has to be brought in from Telegraph Cove, and the toilet facilities are rudimentary. There is also a perennial bear problem, which means food has to be in steel boxes or kept up on the bear platform.

Dampness is another factor that has to be considered. All paper has to be kept in plastic bags, and bedding aired out frequently to prevent mildew. These are factors which affect job performance and if not resolved, can make life less than satisfactory.

The alternative to living at Boat Bay is the extreme west point of Robson Bight on the extreme edge of the Reserve. Allowing the Park Warden to camp there has a lot of advantages.

1. You do not have to cross the straits during inclement weather. This is a major reason as the water can go from a flat calm to extremely rough conditions in a matter of 15 to 30 minutes. This means when the wind rises, a decision has to be made whether to stay and risk an uncomfortable and dangerous crossing back to the camp.
2. The great majority of traffic to Robson Bight arrives from the west, the Telegraph Cove direction. A good percentage of it is kayaks. Under normal circumstances, the hours of operation for the Information/Warden were from 10am. to 5pm. allowing boats that arrive before and after to proceed into the Reserve. If he camped on the west point, these boats and kayaks can be intercepted any time, allowing constant vigilance to the Bight. Also during days when unable to cross the strait due to bad weather, kayaks sometimes hug the lee shore and make their way into the Reserve. This problem would be eliminated.
3. There is fresh water located on one of the beaches about 500 yards away.
4. There is a small cove which gives protection from the prevailing westerlies; also it has a natural jetty formed from driftwood jammed across the rocks.

Using proper materials, the camp could be made to blend in with the background, making it virtually inconspicuous. Serious consideration should be given to this proposal, as it makes infinite more sense to camp there rather than Boat Bay.

Fog is also a problem in August. This makes it difficult crossing Johnstone Strait as visibility is usually less than 50'. During one foggy morning while sitting in the small cove at the west point of the Reserve, two whales came round the corner at high speed closely followed by a kayak who stopped when he caught sight of the Zodiac.

PART II

An important part of the operation is the type of boat used. I found the Zodiac to be completely satisfactory. The outboard used was a 15HP, 4 stroke Honda. They are more fuel efficient and less polluting than the regular 2 stroke (no mixing oil with gas). This combination of boat and engine proved to be adequate except for the occasional high speed power boat which was travelling too fast to catch up with. So possibly next season, the boat located on the western side of the reserve should have more power - a speed of about 30 mph. is required.

Each boat also should have preferably a skidoo type consul that you sit astride. This is ideal for inclement weather.

The Zodiac projects a look of authority in combination with the survival suit and adds credibility to your approach. Also, to enhance this, a sign on the side of the boat in large letters "B.C. PARKS" would help considerably.

Some thought should be given to changing shoulder patches from Visitor Programs to Reserve Warden. That's the terminology that most people use and it has a more authoritative ring to it. This is important as it is how people perceive you that affects how they react when we inform them that we would "like" them to stay outside the Reserve boundaries. Most people accept this information and comply in good humour, but there is a small percentage who take umbrage at it, particularly large power boats. Usually after making them aware of the aims and goals of the program, they all complied and left the Reserve.

A lot of the kayakers travelled a long way to visit Robson Bight and were disappointed when they could not go in the Bight. So I allowed them to land for a short break on the first beach on the western end of the Reserve. This was a good compromise that they accepted.

The problem that cropped up continually was the commercial fisherman. Most visitors questioned why the fishermen were anchored inside and visitors were asked to stay out. Also, the fishermen use the beached and the estuary as a playground, as some of them have their families along. I don't think there is any real problem with the actual fishing when the season opens, as it is of a short duration - usually 24 hours for seiners and 3 days for gill netters. It is the length of time they anchor to reserve a particular location, anywhere from 10 days to 2 weeks before the season opens. The financial rewards are substantial (\$56,000 for one seiner on the first set). There is also a problem with the fishermen using rifles (guns) to pass the time; setting up targets or shooting at seals and seagulls.

The whales, when they enter the Reserve, are free from harassment due to the Warden Program, but outside the Reserve, the situation is at the point where action should be taken to protect these animals. When I observed any blatant harassment of the whales outside the Reserve, I would intervene. My presence or approach would be enough to increase the distance considerably between the boats and whales.

I realize this is outside the Parks' jurisdiction, but something has to be done. I obtained the co-operation of the Fishery Officers and warnings were issued to boaters; unfortunately they are there only during the openings of the fishery.

The Reserve Wardens could fill the gap by making their presence known. This would eliminate some of the harassment of the whales.

There is also the problem of the charter companies receiving information on the location of the whales over the radio from two sources; a private researcher, Mr. Paul Spong, who has 5 remote hydrophones in different geographic areas. This enables him to track the whales. The other source is David Briggs, also a researcher, hired by BC Parks. He is normally located on a bluff 100' up and equipped with a high powered telescope with which he can spot the whales. East and west in Johnstone Strait, the charter companies rely on him to provide them with information on the location of the whales.

This is beneficial to the charter business, as they save time and fuel when looking for whales. Unfortunately, this also has the effect of increasing boat traffic around the whales, as anyone listening also picks this information up on the radio. Possibly, BC Parks should look at this situation, as it inadvertently puts the Ministry in the uncomfortable position of funding increased harassment of the whales.

There is a definite need for regulations with some teeth to protect these mammals, as boat traffic will only increase in the Robson Bight area.

There already is exploitation of the whales by ex-researchers who in their public statements advocate staying back from the orcas, but when hired by film crews as guides, do the exact opposite and get within a few feet of the whales to satisfy the filming requirements of the crews. This happened on numerous occasions with the Australian, French, and Japanese film crews.

I found that the best method to control traffic in the Reserve was to keep boaters out if possible whether there were whales present or not. The whales can arrive at any time unannounced, therefore having to round up all boaters & kayakers and ask them to leave was just not practical because of the time and distance involved.

The sign at the edge of the Reserve stating "Stay Back 300 Metres from Whales" was interpreted by visitors to mean they could go in as long as they complied with the sign. Possibly this should be changed.

SUMMARY

I believe the Warden Program is necessary. If it was not in place, Robson Bight would be inundated with campers and boaters with its attendant problems with garbage and the flattening of vegetation in the estuary.

During the 3 month period, I did a survey of all the visitors to Robson Bight and asked them why they came to visit the area. The answer was always the same - "whales".

This is why the treatment of the whales across that imaginary line of the Reserve has to be examined. As it was, the whales disappeared about the 12th of September which was the earliest in anyone's memory. Nobody knows why. This may be a harbinger of the future. Unless we provide some sort of protection for the whales to reduce the constant harassment by boaters and the proliferating of charter boats, the Ecological Reserve will become a redundant abstract concept.

William Wallace
Visitor Information Warden

ROBSON BIGHT ATTENDANCE RECORD

MONTH JUNE

DATE	TIME	BOATS	WHALES	FISH BOAT COMMERCIAL WATER	TOUR GUIDE BOATS	COMMENTS
29	0800-1000					
	1000-1200	5		29		OVERCAST WIND
	1200-1400	4	7	26		20 MPH SOUTH EAST ROUGH WATER
	1400-1600	3		40		
	1600-1800	1		15		STAYED ON BUOY
	1800-2000					
30	0800-1000					
	1000-1200	1		3		HIGH WINDS FROM NORTH GUSTING TO
	1200-1400			7		40 MPH ROUGH SEAS
	1400-1600					RETURNED TO
	1600-1800					BOAT BAY 1400
	1800-2000					
31	0800-1000					
	1000-1200					
	1200-1400					
	1400-1600					
	1600-1800					
	1800-2000					
SUB TOTAL		14	7	120	0	

ROBSON BIGHT ATTENDANCE RECORD

MONTH JULY

DATE	TIME	BOATS	WHALES	COMMERCIAL		TOUR GUIDE BOATS	COMMENTS
				K FISH BOATS	WEATHER		
1	0800-1000	-					SUNNY AND CALM MORNING PARTLY CLOUDY AFTERNOON NIL REMARKS
	1000-1200	6				2	
	1200-1400	6			5		
	1400-1600	1					
	1600-1800						
	1800-2000						
2	0800-1000						CALM CLOUDY WITH SUNNY BREAKS 3:00 HIGH WIND GUSTS NIL REMARKS
	1000-1200	6			1	2	
	1200-1400	3	16	2	5		
	1400-1600	4			1		
	1600-1800						
	1800-2000						
3	0800-1000						SUNNY WITH SCATTERED CLOUD CALM NIL REMARKS
	1000-1200				3		
	1200-1400	6			5		
	1400-1600		1	10	18		
	1600-1800						
	1800-2000						
4	0800-1000						OVERCAST WITH 2 FOOT CHOP WIND CAME UP AT 1500 HIGH WAVES. RETURNED TO BOAT BAY
	1000-1200						
	1200-1400	7					
	1400-1600	2	9	2	2		
	1600-1800						
	1800-2000						
5	0800-1000						RAIN CALM 1500 STARTING TO CLEAR VERY QUIET.
	1000-1200	1					
	1200-1400	6			3		
	1400-1600	1	15		1		
	1600-1800						
	1800-2000						
6	0800-1000						VERY FOGGY VISIBILITY 100M VERY CALM 1100 FOG CLEARING 1200 FOG RETURNS 1400 FOG LIFTED
	1000-1200				8	3	
	1200-1400						
	1400-1600		5	2	2		
	1600-1800						
	1800-2000						
7	0800-1000						WEATHER SUNNY NIL REMARKS
	1000-1200	1			3	2	
	1200-1400	4			6		
	1400-1600	1	5	3	2		
	1600-1800	1					
	1800-2000						
SUB TOTAL		56	51	19	48	9	

MONTH JULY

DATE	TIME	BOATS	WHALES	K. WEATHER	COIN FISH BATS	TOUR GUIDE B.	COMMENTS
8	0800-1000						OVERCAST CALM
	1000-1200	5		5	8	3	MORNING
	1200-1400	3			4		
	1400-1600	2	4	6	7		AFTERNOON WIND
	1600-1800						INCREASING TO 20MPH
	1800-2000						
9	0800-1000						OVERCAST
	1000-1200	8		11	3	1	CALM
	1200-1400	4			5		
	1400-1600	2	27	3	1	1	
	1600-1800						
	1800-2000						NIL REMARKS.
10	0800-1000						SUNNY CLEAR
	1000-1200	6		3	2		
	1200-1400			4	10	2	
	1400-1600	4	18	4	1	1	WIND S' GUSTING TO 15 MPH.
	1600-1800						
	1800-2000						NIL REMARKS.
11	0800-1000						FOGGY IN MORNING
	1000-1200					1	VISIBILITY 1001.
	1200-1400						PARTLY CLOUDY AFT
	1400-1600	3			2		WITH PLANNING
	1600-1800						COMMITTEE MORNING
	1800-2000						
12	0800-1000						FOGGY IN MORNING
	1000-1200	2		1		1	VISIBILITY 100M
	1200-1400						PARTLY CLOUDY AFT
	1400-1600	3					WITH PLANNING
	1600-1800						COMMITTEE MORNING
	1800-2000						
13	0800-1000						SUNNY
	1000-1200	5		1	7	2	WIND RISING TO
	1200-1400	2		1	8		20-25K
	1400-1600	6	9		2		HIGH WAVES.
	1600-1800				4		
	1800-2000						
14	0800-1000						SUNNY SCATTERED
	1000-1200	10		1	4	2	CLOUD WIND RISING
	1200-1400	7		1	4		TO 25MPH LEFT
	1400-1600	2			8		AREA 1615 FOR
	1600-1800						BOAT BATH TO
	1800-2000						ROUGH.
SUB TOTAL		69	58	41	80	15	

MONTH July

DATE	TIME	BOATS	WHALES	COM R WEATHER	FB TOUR GUIDE B	COMMENTS
15	0800-1000					SUNNY HIGH WINDS
	1000-1200			1	1	GOING TO 30 mph
	1200-1400	2				ARRANGED FOR PASSING
	1400-1600		5			TO BE TAKEN BACK TO
	1600-1800					TRACERAIL OFF ON
	1800-2000					LUKINA THESE PEOPLE
16	0800-1000					WHERE ON TWO SMALL BOATS ROBIN BIRTH.
	1000-1200	2		4	1	SUNNY CALM
	1200-1400			2	5	
	1400-1600	3	4	2		
	1600-1800			1		
	1800-2000					NIL REMARKS
17	0800-1000					OVERCAST
	1000-1200			4	3	CALM
	1200-1400	1			5	
	1400-1600	1	2		1	
	1600-1800	2			3	
	1800-2000					NIL REMARKS
18	0800-1000	4		4		OVERCAST CALM
	1000-1200	10		4		SUNNY AFTERNOON
	1200-1400	10		4	5	FISHING BOAT
	1400-1600		6		1	SKALU SEINER
	1600-1800					FISHING RESERVE.
	1800-2000					
19	0800-1000					OVER SUNNY CALM
	1000-1200	7		1	5	DAHL PORPOISES
	1200-1400	30		4	2	IN RESERVE
	1400-1600	5	6		1	
	1600-1800	1			1	
	1800-2000					
20	0800-1000					SUNNY CALM
	1000-1200	2		1	13	NICE DAY
	1200-1400	5			4	
	1400-1600	5			7	
	1600-1800	4			7	
	1800-2000					NIL REMARKS
21	0800-1000					SUNNY WAVE
	1000-1200	3			6	DAY
	1200-1400	7			8	WIND RISING TO
	1400-1600	5			3	15 MPH AFT.
	1600-1800					
	1800-2000					
SUB TOTAL		68	23	17	82	6

ROBSON BIGHT ATTENDANCE RECORD

MONTH

July 1990

DATE	TIME	PLEASURE BOATS	KAYAK	COMMERCIAL FISH BOATS	TOUR GUIDE BOATS	NUMBER OF WHALES	WEATHER	COMMENTS
2	1000-1200							
	1200-1400	2		3	2	HEAVY FOG	SUNNY	TEL G.
	1400-1600	4	10	5		MORN	MORNING	ALL
	1600-1800	2					WINDY	FOR GAS MORN
	1800-2000					5	WINDY	PHONE PARKS
	DAILY TOTAL							
3	1000-1200	4					OVERCAST	PHONE
	1200-1400	10	2	2			CALM	PARKS
	1400-1600	2		4			WIND	MORNING
	1600-1800			5			RISING	
	1800-2000						AFT	
	DAILY TOTAL							
4	1000-1200	2		12			OVERCAST	NIC REMARK
	1200-1400	10	12	4			CALM	
	1400-1600	4	13	6				
	1600-1800							
	1800-2000							
	DAILY TOTAL							
5	1000-1200						FOGgy	WENT BACK
	1200-1400						CALM IN	TO BOAT
	1400-1600						MORNING	BY 1500
	1600-1800						WINDY	VERY COLD
	1800-2000						ROUGH	SHINING
	DAILY TOTAL							
6	1000-1200	4	2	1	1		SUNNY	SMALL
	1200-1400	6		9	6	6	CALM	CARRIER
	1400-1600	6		6	12			SKIFFS HARAS
	1600-1800	4		3	12			1 IN WHALES
	1800-2000							OUTSIDE RESERVE
	DAILY TOTAL							
7	1000-1200							
	1200-1400							
	1400-1600							
	1600-1800							
	1800-2000							
	DAILY TOTAL							
8	1000-1200	2		5	1		SUNNY	NIC
	1200-1400	2			3		VERY	REMARKS
	1400-1600	3		8			NINDA	FISHING
	1600-1800						ROUGH	SEASON
	1800-2000						SEAS	OPENS TODAY
	DAILY TOTAL							
TOTAL THIS PAGE		57	39	71	17			

ROBSON BIGHT ATTENDANCE RECORD

MONTH July 1990

DATE	TIME	PLEASURE BOATS	KAYAK	COMMERCIAL FISH BOATS	TOUR GUIDE BOATS	NUMBER OF WHALES	WEATHER	COMMENTS
9	1000-1200	2	1	5			SUNNY	FISHING
	1200-1400		7	10			CALM	STILL IN PROGRESS
	1400-1600	4		10				
	1600-1800			6	1			
	1800-2000							
	DAILY TOTAL							
10	1000-1200	5		2	1		OVERCAST	VERY
	1200-1400	6		3	1		CALM	ROUGH SEAS
	1400-1600	4		5		5	WIND	AFTERNOON
	1600-1800						RISING	SCARY RIDE
	1800-2000						AFT	HOME
	DAILY TOTAL							
11	1000-1200	5		2			OVERCAST	REPEAT
	1200-1400	6		3			CALM	AT VESPER
	1400-1600	4		5		2	WIND	ROUGH RIDE
	1600-1800						RISING	HOME
	1800-2000						AFTER NOON	
	DAILY TOTAL	36		50	3	7		
	1000-1200							
	1200-1400							
	1400-1600							
	1600-1800							
	1800-2000							
	DAILY TOTAL							
	1000-1200							
	1200-1400							
	1400-1600							
	1600-1800							
	1800-2000							
	DAILY TOTAL							
	1000-1200							
	1200-1400							
	1400-1600							
	1600-1800							
	1800-2000							
	DAILY TOTAL							
TOTAL THIS PAGE		36	8	50	3	7		

ROBSON BIGHT ATTENDANCE RECORD

MONTH August 1990

DATE	TIME	PLEASURE BOATS	KAYAK	COMMERCIAL FISH BOATS	TOUR GUIDE BOATS	NUMBER OF WHALES	WEATHER	COMMENTS
1	1000-1200						VERY	STAYED IN
	1200-1400	1		2	1		HIGH	BAYT BAY
	1400-1600			6			WINDS	MONITORED
	1600-1800			3				RESERVE
	1800-2000							
	DAILY TOTAL							
2	1000-1200	3		4	11		OVER	NIL
	1200-1400	1	2	6	2		CALM	REMARKS
	1400-1600	5						
	1600-1800	1		1	1			
	1800-2000							
	DAILY TOTAL							
3	1000-1200	2		9	2		CLEAR	NIL
	1200-1400	2		6	2		SUNNY	REMARKS
	1400-1600	5		5		14	CALM	
	1600-1800	2		9	2			
	1800-2000							
	DAILY TOTAL							
4	1000-1200	5		5	5		CLEAR	NIL
	1200-1400	2		5	3		SUNNY	REMARKS
	1400-1600	1	2	3		6	CALM	
	1600-1800		2	2		13		
	1800-2000							
	DAILY TOTAL							
5	1000-1200	6	2	4	4		SCATTER	NIL
	1200-1400	3	2	3	3		CLOUD	REMARKS
	1400-1600						SUNNY	
	1600-1800			3				
	1800-2000							
	DAILY TOTAL							
6	1000-1200	5		10			OVERCAST	WENT
	1200-1400	5	7	5		4	CALM	HOME AT
	1400-1600	3		5			VERY	1500 VERY
	1600-1800			5			COLD	COLD
	1800-2000							SILVERING
	DAILY TOTAL							
7	1000-1200						SUNNY	NIL
	1200-1400		14				WIND	REMARKS
	1400-1600	6		4		6	SCATTER	
	1600-1800	2		4			CLOUD	
	1800-2000	2		3				
	DAILY TOTAL							
TOTAL THIS PAGE		74	31	107		43		

ROBSON BIGHT ATTENDANCE RECORD

MONTH August 1990

DATE	TIME	PLEASURE BOATS	KAYAK	COMMERCIAL FISH BOATS	TOUR GUIDE BOATS	NUMBER OF WHALES	WEATHER	COMMENTS
7	1000-1200	1		20			SUNNY	NIL
	1200-1400	5	1	5	3		HOT	REMARKS
	1400-1600	3		8		4	CALM	
	1600-1800	3						
	1800-2000							
DAILY TOTAL								
7	1000-1200						FOGGY	CAME
	1200-1400						MORN	OUT TO
	1400-1600	6		5		6	SUNNY	RESERVE
	1600-1800	3		5			APT	1200h
	1800-2000	5	2	5				OUT TO FOG
DAILY TOTAL								
0	1000-1200						FOGGY	NIL
	1200-1400			4			MORNING	REMARKS
	1400-1600	1	12	2			APT.	
	1600-1800			6			OVER	
	1800-2000						CAST	
DAILY TOTAL								
1	1000-1200						FOG	ARRIVED AT
	1200-1400	5		5			MORNING	RESERVE
	1400-1600	7	1	10	1		APT	1145 OUT
	1600-1800			3			OVER	TO HEAVY
	1800-2000						CAST	FOG
DAILY TOTAL								
2	1000-1200	1		5	1		CLEAR	ARRIVED
	1200-1400	6		4			WINDY	RESERVED
	1400-1600	5		10			ROUGH	1115 OUT
	1600-1800	2		5				TO HIT
	1800-2000							WAITS
DAILY TOTAL								
3	1000-1200	2		5	1		SEAMIER	HIGH WINDS
	1200-1400	4		10			CLOUD	STAYED AT
	1400-1600	4		4			CALM	BOAT BAY
	1600-1800		12					ALL DAY
	1800-2000							NIL REMARKS
DAILY TOTAL								
4	1000-1200			6			SUNNY	HIGH WIND
	1200-1400	1		2	1		NIGHT	STAYED AT
	1400-1600			5			WINDS	BOAT BAY
	1600-1800							MONITOR
	1800-2000							FROM CLIFF
DAILY TOTAL								
TOTAL THIS PAGE		70	24	134	7			

ROBSON BIGHT ATTENDANCE RECORD

MONTH

August 1990

DATE	TIME	PLEASURE BOATS	KAYAK	COMMERCIAL FISH BOATS	TOUR GUIDE BOATS	NUMBER OF WHALES	WEATHER	COMMENTS
5	1000-1200	2		4		8	CALM	RETURNED TO BOAT BAY 1500.
	1200-1400	2		3	2		MORNING WIND	
	1400-1600						25 MPH	
	1600-1800						APT	
	1800-2000							
DAILY TOTAL								
6	1000-1200			5		6	WIND	STAYED ON CLIFF
	1200-1400			10			RAIN	
	1400-1600			4			ROUGH	
	1600-1800			6			SEAS	
	1800-2000							
DAILY TOTAL								MONITORED RESERVE.
7	1000-1200	1	1	2		2	SUNNY	WENT TO T.G. TO PICK UP GAS WATER
	1200-1400	5		2			CALM	
	1400-1600	8		10	1		FOG	
	1600-1800	4		4	1		SUNNY	
	1800-2000						CLOUD	
DAILY TOTAL								
8	1000-1200					6	SUNNY	WENT TO T.G. TO PICK UP GAS WATER
	1200-1400						CALM	
	1400-1600	4		4				
	1600-1800	2		3				
	1800-2000							
DAILY TOTAL								
9	1000-1200	3		10	2	15	SUNNY	NIL REMARKS
	1200-1400	8		7	3		CALM	
	1400-1600	5	3	5	1			
	1600-1800	3						
	1800-2000							
DAILY TOTAL								
10	1000-1200						FOG	NIL REMARKS
	1200-1400	3	9	5	1		MORNING	
	1400-1600	5		3	1		TILL 1130	
	1600-1800							
	1800-2000							
DAILY TOTAL								
11	1000-1200			3			SUNNY	STAYED ON CLIFF MONITORED RESERVE DUE TO ROUGH SEAS
	1200-1400			6			HIGH WINDS	
	1400-1600			2				
	1600-1800							
	1800-2000							
DAILY TOTAL								
TOTAL THIS PAGE		53	13	98	12			

ROBSON BIGHT ATTENDANCE RECORD

MONTH August 1990

DATE	TIME	PLEASURE BOATS	KAYAK	COMMERCIAL FISH BOATS	TOUR GUIDE BOATS	NUMBER OF WHALES	WEATHER	COMMENTS
2	1000-1200			2			WINDY	STAYED ON
	1200-1400			6			RAIN	CLIFF
	1400-1600			2			ROUGH	MONITORING
	1600-1800			3			SEAS	RESERVE
	1800-2000							
	DAILY TOTAL							
3	1000-1200			3			WINDY	STAYED ON
	1200-1400			5			SUNNY	CLIFF
	1400-1600			3			ROUGH	MONITORING
	1600-1800			3			SEAS	RESERVE
	1800-2000							
	DAILY TOTAL							
4	1000-1200	3		5	1		CLEAR	NIL
	1200-1400	1		4	2		SUNNY	REMARKS
	1400-1600	4		10	2	4	CALM	
	1600-1800							
	1800-2000							
	DAILY TOTAL							
5	1000-1200	2		4	2		SUNNY	NIL
	1200-1400	3	2	8			CALM	REMARKS
	1400-1600	4	2	3				
	1600-1800	2	4	7				
	1800-2000							
	DAILY TOTAL							
6	1000-1200	2		2	2		SUNNY	NIL
	1200-1400	3	2	8			CALM	REMARKS
	1400-1600	4	2	7			TURBID	
	1600-1800	2	4	7			COLD	
	1800-2000							
	DAILY TOTAL							
7	1000-1200	3	11			2	SUNNY	NIL
	1200-1400	3		5			CALM	REMARKS
	1400-1600	2		10				
	1600-1800			5				
	1800-2000							
	DAILY TOTAL							
8	1000-1200						SUNNY	NIL
	1200-1400	4	5	15				
	1400-1600	2	9	9		5	CALM	REMARKS
	1600-1800	1	2	2				
	1800-2000							
	DAILY TOTAL			126				
TOTAL THIS PAGE		45	39		9			

ROBSON BIGHT ATTENDANCE RECORD

MONTH

August 1990

DATE	TIME	PLEASURE BOATS	KAYAK	COMMERCIAL FISH BOATS	TOUR GUIDE BOATS	NUMBER OF WHALES	WEATHER	COMMENTS
9	1000-1200			9				
	1200-1400			4			HIGH WINDS	STAYED ON CLIFF
	1400-1600			1			RAIN	MONITORED
	1600-1800			4				RESERVED
	1800-2000							
	DAILY TOTAL							
0	1000-1200			1			HIGH WINDS	STAYED ON CLIFF
	1200-1400			4			RAIN	MONITORED
	1400-1600			3				RESERVED
	1600-1800			1				
	1800-2000							
	DAILY TOTAL							
31	1000-1200	2	2	2	3		HEAVY RAIN	NIL REMARKS
	1200-1400							
	1400-1600							
	1600-1800							
	1800-2000							
	DAILY TOTAL							
	1000-1200							
	1200-1400							
	1400-1600							
	1600-1800							
	1800-2000							
	DAILY TOTAL							
	1000-1200							
	1200-1400							
	1400-1600							
	1600-1800							
	1800-2000							
	DAILY TOTAL							
	1000-1200							
	1200-1400							
	1400-1600							
	1600-1800							
	1800-2000							
	DAILY TOTAL							
	TOTAL THIS PAGE	2	2	22	3			

ROBSON BIGHT ATTENDANCE RECORD

MONTH September 1990

DATE	TIME	PLEASURE BOATS	KAYAK	COMMERCIAL FISH BOATS	TOUR GUIDE BOATS	NUMBER OF WHALES	WEATHER	COMMENTS
1	1000-1200	3	2	3			OVER	NIL
	1200-1400	2	3	3			CALM	REMARKS
	1400-1600	1	2	4			VERY	
	1600-1800	1		2			COLD	
	1800-2000							
	DAILY TOTAL							
2	1000-1200	1	4	3			FOG	NIL
	1200-1400	3		4		20	IN MORN	REMARKS
	1400-1600	5		5			SUNNY	
	1600-1800	2		10			CALM	
	1800-2000						AFT.	
	DAILY TOTAL							
3	1000-1200	3	2	3	1		CALM	NIL
	1200-1400	1		4			MORN	REMARKS
	1400-1600			3				
	1600-1800						WINDY	
	1800-2000						AFT	
	DAILY TOTAL							
4	1000-1200						FOG	NIL
	1200-1400					20	MORN	REMARKS
	1400-1600						SUNNY	
	1600-1800						CALM	
	1800-2000						AFT	
	DAILY TOTAL							
5	1000-1200	3	12	3	1		FOG	NIL
	1200-1400	2	3	2			MORN	REMARKS
	1400-1600	1	1	2	1	20		
	1600-1800	3		2			SUNNY	
	1800-2000			2			AFT	
	DAILY TOTAL							
6	1000-1200						FOG	NIL
	1200-1400	1	3	4			MORN	REMARKS
	1400-1600	2	3	2				
	1600-1800						SUNNY	
	1800-2000			1			AFT.	
	DAILY TOTAL							
7	1000-1200						FOG	NIL
	1200-1400						MORN	REMARKS
	1400-1600	3	2	3			SUNNY	
	1600-1800			6			AFT.	
	1800-2000							
	DAILY TOTAL							
TOTAL THIS PAGE		39	34	73	3	60		

MONTH SEPT

DATE	TIME	BOATS	WHALES	K	WEATHER	GUIDE COMMENTS
8	0800-1000					
	1000-1200	1			4	FOG IN MORNING
	1200-1400	1			2	SUNNY AFTERNOON
	1400-1600	2	12		4	
	1600-1800					
	1800-2000					
9	0800-1000					FOG IN MORNING
	1000-1200					
	1200-1400	2		5	4	CLOUDY CALM
	1400-1600	1	81	2		AFTERNOON
	1600-1800					
	1800-2000					
10	0800-1000					OVERCAST ALL DAY
	1000-1200	1			4	VERY COLD
	1200-1400				3	
	1400-1600	1	2			
	1600-1800	2			9	
	1800-2000					
11	0800-1000					OVERCAST MORNING
	1000-1200	2		2	2	SUNNY CALM
	1200-1400	2			4	VERY COLD
	1400-1600	3	8		3	AFTERNOON
	1600-1800	3			4	
	1800-2000					
12	0800-1000					SUNNY CALM
	1000-1200					
	1200-1400	6	3		4	
	1400-1600	2			3	
	1600-1800	3				
	1800-2000					
13	0800-1000					SUNNY CALM
	1000-1200	4		2	3	
	1200-1400	2		2	4	
	1400-1600	5		2	2	
	1600-1800					
	1800-2000					
14	0800-1000					FOG TILL 1300
	1000-1200				2	
	1200-1400	2		3	1	
	1400-1600	1		5	4	SUNNY AFTERNOON
	1600-1800					
	1800-2000					
		44	36	23	16	13

KUSSON BIGHT ATTENDANCE RECORD

MONTH SEPT

DATE	TIME	BOATS	WHALES	K	Comm FISH BOATS WEATHER	GUIDE BOATS	COMMENTS
15	0800-1000						Fog till 1300
	1000-1200	2		1		3	
	1200-1400					9	SUNNY AFTERNOON
	1400-1600						
	1600-1800						
	1800-2000						
16	0800-1000						OVERCAST
	1000-1200					5	RAIN
	1200-1400	2					
	1400-1600						
	1600-1800						
	1800-2000						
17	0800-1000						SUNNY
	1000-1200					4	HIGH WINDS
	1200-1400					8	
	1400-1600					3	EXTREMELY
	1600-1800					4	LARGE WAVES
	1800-2000						STAYED ON COAST
18	0800-1000						HEAVY RAIN
	1000-1200						WITH FOG
	1200-1400					8	
	1400-1600					6	ARRIVED RESERVE
	1600-1800						1700
	1800-2000						
19	0800-1000						SUNNY CALM
	1000-1200			12		6	MORNING
	1200-1400					10	WINDY AFTERNOON
	1400-1600					5	WENT BACK
	1600-1800						TO BEAT BAY
	1800-2000						1500
20	0800-1000						SUNNY
	1000-1200	3		12		10	CALM
	1200-1400	1				9	DAY
	1400-1600	3				6	
	1600-1800						
	1800-2000						
21	0800-1000						Fog till
	1000-1200						1400
	1200-1400						
	1400-1600	3	2	12		5	
	1600-1800					6	
	1800-2000						
SUB Total		14	2	6		101	

MONTH: SEP

DATE	TIME	BOATS	WHALES	COMM First WEATHER	GUIDE Boats	COMMENTS	
22	0800-1000			K		SUNNY	
	1000-1200	2		9	1	WINDY	
	1200-1400	1		15	1	VERY ROUGH	
	1400-1600	1		9		MONITORING FOR	
	1600-1800					RESERVE FROM	
	1800-2000					CLIFF	
23	0800-1000					SUNNY	
	1000-1200	1		3		ROUGH SEAS	
	1200-1400			2			
	1400-1600			9			
	1600-1800			2			
	1800-2000						
24	0800-1000					OVERCAST	
	1000-1200		2	2		COLD	
	1200-1400		3	2		FOGGY	
	1400-1600		2	9			
	1600-1800			2			
	1800-2000						
25	0800-1000					SUNNY SCATTERED	
	1000-1200	1		3		CLOUD WINDS	
	1200-1400			9		25 KPA HIGH	
	1400-1600	2		4		SEAS MONITORING	
	1600-1800			2		FROM CLIFF	
	1800-2000						
26	0800-1000					SUNNY WITH	
	1000-1200			2		WINDY AFTERNOON	
	1200-1400		1	1			
	1400-1600			3			
	1600-1800			1			
	1800-2000						
27	0800-1000					SUNNY MORNING	
	1000-1200			4			
	1200-1400	1		2		OVERCAST AFTER	
	1400-1600			5		NOON	
	1600-1800				1		
	1800-2000						
28	0800-1000					RAIN MORNING	
	1000-1200			5		HIGH WINDS	
	1200-1400			10		ALL DAY	
	1400-1600						
	1600-1800					VERY ROUGH	
	1800-2000						
SUB TOTAL		8	1	7	96	3	

BOATWRIGHT INTERFERENCE RECORD

MONTH: SEP-1

DATE	TIME	BOATS	WHALES	COM FISHBOATS K WEATHER	COMMENTS
29	0800-1000				SUNNY
	1000-1200			1	CALM
	1200-1400			2	
	1400-1600				
	1600-1800			1	
	1800-2000				
30	0800-1000				SUNNY
	1000-1200			2	CALM
	1200-1400			4	
	1400-1600	1			
	1600-1800			1	
	1800-2000				
31	0800-1000				
	1000-1200				
	1200-1400				
	1400-1600				
	1600-1800				
	1800-2000				
		1		11	

650

316