

NEW ZEALAND POLICE

SEARCH AND RESCUE ANNUAL STATISTICS

2001/2002



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FOREWORD

2001 – 2002 SAR STATISTICS

The total number of searches, 1120 is slightly down from last years final total (1143). However anecdotal evidence indicates that SAR is still under-reported nationally.

The Police continue to have a strong relationship with our strategic partners in search and rescue, New Zealand Land Search and Rescue and the Royal New Zealand Coastguard Federation. This can be credited to the strengths of both organisations, and the dedication and commitment of the persons involved.

An operational highlight in land search and rescue is 15,630 hours of volunteer time were given with no claims for lost wages received. A study indicated that for every hour deployed operationally, a land volunteer spends approximately 12 hours in training. This means that up to 203,000 hours were contributed nationally by volunteers towards land SAR, and these persons are principally members of New Zealand Land Search and Rescue Inc.

An operational highlight for marine search and rescue is 7,280 hours of volunteer time where given with no claim for lost wages received. The Royal New Zealand Coastguard Federation Affiliates are the principal volunteer resource within New Zealand for marine incidents.

Acknowledgement must also be given to police involved in search and rescue, either as squad members, co-ordinators, or assisting in a search. The total number of hours contributed by Police is 13,609.

Search and Rescue is a successful partnership between the community and the police.

Gerard Prins
Coordinator: Search and Rescue
Office of Commissioner

NATIONAL RESCUE COORDINATION CENTRE (NRCC)

SEARCH AND RESCUE PERFORMANCE SUMMARY

SAR Incident Report for the period 1 July 01 - 30 June 02

- Number of Class III incidents: 607
- Number of LUT Alerts: 504
- The NRCC was opened on 13 occasions for 231 hours and 41 minutes
- 1188 hours and 43 minutes were spent by CAA working on LUT significant incidents
- 325 hours and 13 minutes were spent by CAA working on Non-LUT significant incidents
- 64 people were rescued uninjured
- 15 injured people were rescued
- 14 bodies were recovered
- One body was unrecovered
- Action commenced within 10 minutes on 100% of all occurrences

100.0% of the searches were categorised as successful

Operational Highlights

Class 1 Operations

LAND	151	13%
WATER	174	16%
Total for Class 1	325	29%

Class 2 Operations

LAND	373	33%
WATER	422	38%
Total for Class 2	795	71%

Total **1120**

District Totals

District	Class	LAND	WATER	TOTAL
AUCKLAND CITY	CLASS 1	3	16	19
AUCKLAND CITY	CLASS 2	7	28	35
AUCKLAND CITY	TOTAL	10	44	54
BAY OF PLENTY	CLASS 1	10	17	27
BAY OF PLENTY	CLASS 2	38	69	107
BAY OF PLENTY	TOTAL	48	86	134
CANTERBURY	CLASS 1	9	2	11
CANTERBURY	CLASS 2	54	55	109
CANTERBURY	TOTAL	63	57	120
CENTRAL	CLASS 1	24	21	45
CENTRAL	CLASS 2	55	51	106
CENTRAL	TOTAL	79	72	151
COUNTIES/MANAKAU	CLASS 1	3	3	6
COUNTIES/MANAKAU	CLASS 2	5	2	7
COUNTIES/MANAKAU	TOTAL	8	5	13
EASTERN	CLASS 1	6	4	10
EASTERN	CLASS 2	8	12	20
EASTERN	TOTAL	14	16	30
NORTH SHORE/WAITAKERE	CLASS 1	8	5	13
NORTH SHORE/WAITAKERE	CLASS 2	13	16	29
NORTH SHORE/WAITAKERE	TOTAL	21	21	42
NORTHLAND	CLASS 1	4	8	12
NORTHLAND	CLASS 2	6	58	64
NORTHLAND	TOTAL	10	66	76

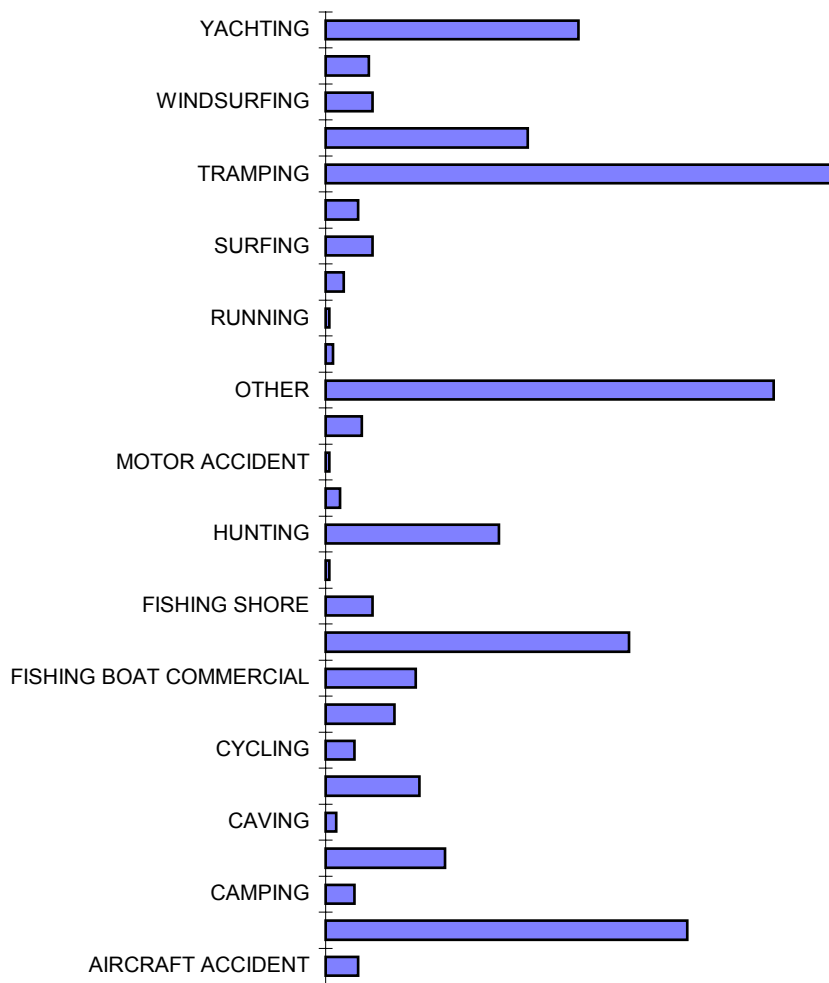
SOUTHERN CLASS 1	25	9	34
SOUTHERN CLASS 2	81	39	120
SOUTHERN TOTAL	106	48	154
TASMAN CLASS 1	21	15	36
TASMAN CLASS 2	55	25	80
TASMAN TOTAL	76	40	116
WAIKATO CLASS 1	4	11	15
WAIKATO CLASS 2	11	13	24
WAIKATO TOTAL	15	24	39
WELLINGTON CLASS 1	34	63	97
WELLINGTON CLASS 2	40	54	94
WELLINGTON TOTAL	74	117	191
Grand Total:	524	596	1120

District Name	Total	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
AUCKLAND CITY	54	1	6	3	2	2	4	4	8	8	5	10	1
BAY OF PLENTY	134	5	19	8	7	13	12	23	13	13	10	10	1
CANTERBURY	120	3	5	4	8	13	17	14	16	12	12	7	9
CENTRAL	151	12	8	7	9	14	14	25	15	16	13	10	8
COUNTIES/MANAKAU	13			2	2	3	1	1	1	1	1		1
EASTERN	30	1	2	4	1	3	6	1	4	1	2	3	2
NORTH													
SHORE/WAITAKERE	42		2	6	1	3	6	8	6	2	5	1	2
NORTHLAND	76		1	1	8	2	3	23	9	3	11	7	8
SOUTHERN	154	9	18	14	11	24	10	14	14	18	11	4	7
TASMAN	116	4	9	9	5	7	17	20	14	10	8	6	7
WAIKATO	39	2	4	3	3	2	1	5	2	5	4	4	4
WELLINGTON	191	10	16	12	18	21	16	36	16	13	10	12	11

Main Recreational Activity Totals

Activity Type	Land	Water	Total
AIRCRAFT ACCIDENT	10	2	12
BOATING POWER		146	146
CAMPING	2	1	3
CANOEING		60	60
CAVING	1		1
CLIMBING	36		36
CYCLING	14		14
DIVING	17		17
FISHING BOAT COMMERCIAL		24	24
FISHING BOAT RECREATIONAL		89	89
GLIDING	2		2
HUNTING	62		62
MOTOR ACCIDENT	11		11
ORIENTEERING	4		4
OTHER	108	165	273
RAFTING		4	4
RUNNING	4		4
SKIING	8		8
SURFING		2	2
SWIMMING		19	19
TRAMPING	152		152
WALKING	99		99
WINDSURFING		17	17
WORKING	12		12
YACHTING		51	51

Main Recreational Activity Totals



Totals of Operations By Problem Type

Problem	LAND	WATER	TOTAL
AVALANCHE	4		4
ENGINE FAILURE		115	115
EQUIPMENT	10	38	48
FLARES NEGATIVE		50	50
FUEL		15	15
MEDICAL	131	13	144
NAVIGATIONAL	100	31	131
OTHER	187	220	407
PERSON OVERBOARD		51	51
RIVERS	30		30
SUICIDE	37	4	41
WEATHER	25	59	84
Grand Total:	524	596	1120

Target Group Totals

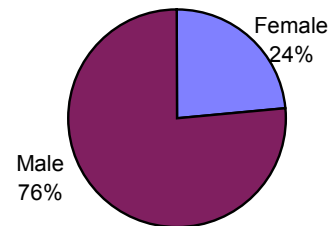
Target	LAND	WATER	TOTAL
COMMERCIAL GROUP	16	33	49
LOST CHILD	34		34
OTHER	47	113	160
PRIVATE GROUP	194	300	494
RECREATIONAL CLUB	7	17	24
SCHOOL GROUP	10	2	12
SENIOR CITIZEN	37		37
SOLO	177	127	304
UNKNOWN		1	1
YOUTH GROUP	2	3	5
Grand Total:	524	596	1120

Victims By Gender and Age Groups

FEMALE

Age Unknown	36
0 to 9	27
10 to 19	60
20 to 29	72
30 to 39	59
40 to 49	35
50 to 59	24
60 to 69	17
70 to 79	7
80 to 89	5
90 to 99	2
TOTAL FEMALES	344

Gender Type

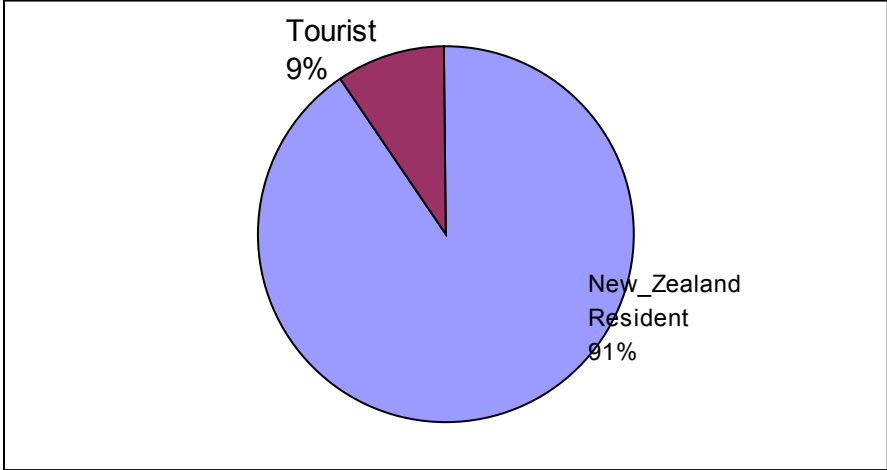


MALE

Age Unknown	121
0 to 9	47
10 to 19	142
20 to 29	230
30 to 39	240
40 to 49	154
50 to 59	101
60 to 69	35
70 to 79	27
80 to 89	10
90 to 99	2
TOTAL MALES	1109
COMBINED TOTAL :	1453

Summary Report on % of Victims as Tourists

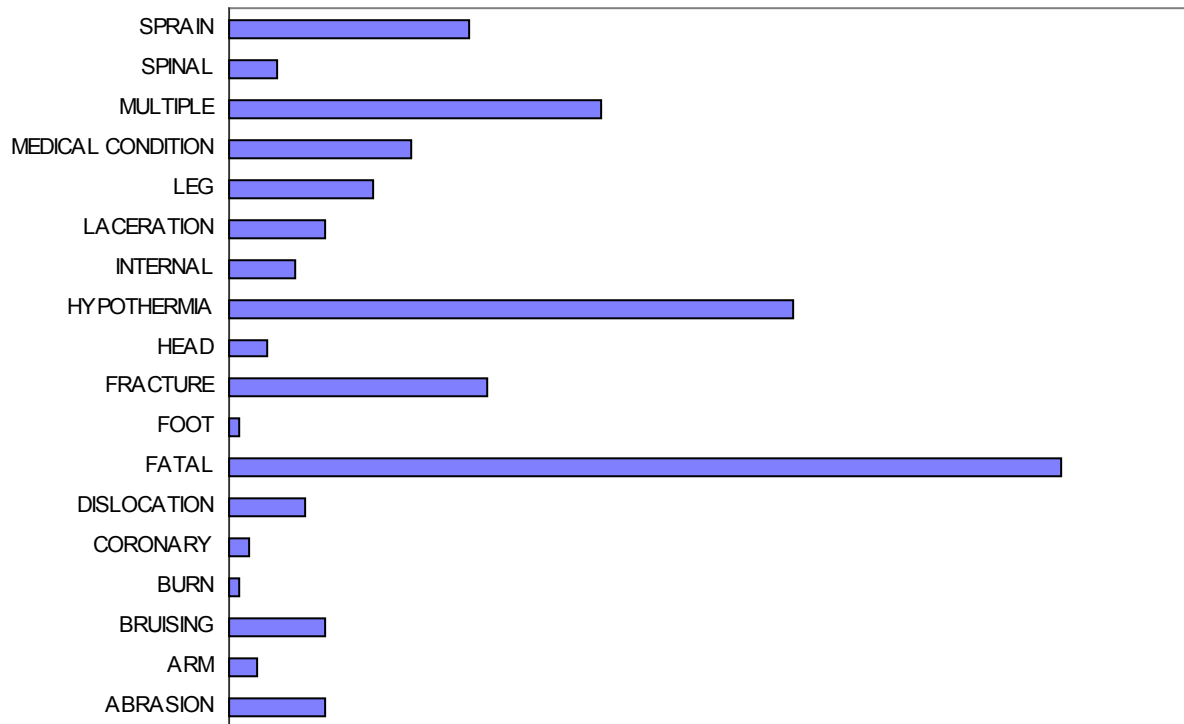
NZ Resident or Tourist?	TOTAL	% of
New Zealand Resident	1316	91%
Tourist	137	9%
Total	1453	



Injuries Sustained By Victims

Injury Type	Land	Water	total
ABRASION	3	7	10
ARM	3		3
BRUISING	6	4	10
BURN	1		1
CORONARY	2		2
DISLOCATION	6	2	8
FATAL	39	48	87
FOOT		1	1
FRACTURE	24	3	27
HEAD	4		4
HYPOTHERMIA	26	33	59
INTERNAL	6	1	7
LACERATION	7	3	10
LEG	13	2	15
MEDICAL CONDITION	16	3	19
MULTIPLE	36	3	39
SPINAL	4	1	5
SPRAIN	24	1	25

Injury Types



Fatalities Report

LAND

Date	Gender	Age	Target Group	Problem Type	District Name
6/07/01	MALE	27	SOLO	SUICIDE	19A RATA STREET, NEW PLYMOUTH : CENTRAL
9/07/01	MALE	27	PRIVATE GROUP	OTHER	NORTH FACE MT EGMONT TARANAKI : CENTRAL
12/09/01	MALE	43	SOLO	AVALANCHE	STAIR PEAK, GLENORCHY : SOUTHERN
18/09/01	MALE	40	SOLO	AVALANCHE	NEAR TREBLE CONE SKIFIELD, WANAKA : SOUTHERN
22/09/01	MALE	26	PRIVATE GROUP	NAVIGATIONAL	SHARKS TOOTH MT EGMONT : CENTRAL
29/09/01	MALE	33	SOLO PLENTY	SUICIDE	WAITAO ROAD, WELCOME BAY, TAURANGA : BAY OF
1/10/01	MALE	50	SOLO	SUICIDE	WAIMAKARIRI RIVER 4KM WEST OF STATE HIGHWAY ONE :
5/10/01	MALE		SOLO	SUICIDE	BEACHLANDS RESERVE, BEACHLANDS :
9/10/01	FEMALE	36	SOLO	SUICIDE	TE MATA PEAK, HAVELOCK NORTH : EASTERN
10/10/01	MALE	46	SOLO	SUICIDE	STOKES VALLEY, LOWER HUTT : WELLINGTON
11/10/01	MALE	21	OTHER	OTHER	WOODSIDE ROAD, GREYTOWN : WELLINGTON
31/10/01	MALE	76	SOLO	MEDICAL	HILLS ROAD, OTARA : COUNTIES/MANAKAU
4/11/01	MALE	29	SOLO	OTHER	KAREKARE BEACH : NORTH SHORE/WAITAKERE
16/11/01	FEMALE	18	SOLO	SUICIDE	LONG BAY REGIONAL PARK : NORTH SHORE/WAITAKERE
25/11/01	MALE	62	SOLO	SUICIDE	WHITEWASH HEAD AREA, SUMNER : CANTERBURY
1/12/01	MALE	14	LOST CHILD	NAVIGATIONAL	LAKE DANIELLS, SPRINGS JUNCTION, LEWIS PASS :

Date	Gender	Age	Target Group	Problem Type	Location
1/12/01	MALE	26	SOLO	RIVERS	KAITUNA RIVER, TE PUKE : BAY OF PLENTY
4/12/01	MALE	42	PRIVATE GROUP	NAVIGATIONAL	TE UREWERA NATIONAL PARK : EASTERN
4/12/01	MALE	50	PRIVATE GROUP	NAVIGATIONAL	TE UREWERA NATIONAL PARK : EASTERN
14/12/01	MALE	34	PRIVATE GROUP	EQUIPMENT	PORTER COL MOUNT COOK : CANTERBURY
8/01/02	MALE	28	SOLO	RIVERS	REES VALLEY, MT ASPIRING NATIONAL PARK : SOUTHERN
10/01/02	FEMALE	33	PRIVATE GROUP	RIVERS	YOUNG RIVER, MAKAROROA, WANAKA : SOUTHERN
14/01/02	MALE	33	COMMERCIAL GROUP	OTHER	COOK RIVER VALLEY : TASMAN
14/01/02	MALE	36	COMMERCIAL GROUP	OTHER	COOK RIVER VALLEY : TASMAN
14/01/02	MALE	57	SOLO	RIVERS	WAIPA RIVER, OTOROHANGA : WAIKATO
15/01/02	MALE	64	SOLO	SUICIDE	LAKE ROTOMANU RESERVE : CENTRAL
27/01/02	MALE	69	PRIVATE GROUP	MEDICAL	RANGITOTO ISLAND : AUCKLAND CITY
1/02/02	MALE	21	OTHER	RIVERS	BULLER RIVER (EARTHQUAKE SLIP) : TASMAN
14/02/02	MALE	54	RECREATIONAL CLUB	OTHER	MT PHILISTINE BLUFFS ARTHUR'S PASS NATIONAL PARK
27/02/02	MALE	72	PRIVATE GROUP	OTHER	FENCE LINE TRACK WAITAKERE DAM : NORTH SHORE
13/03/02	MALE	72	SENIOR CITIZEN	OTHER	STEWART ISLAND : SOUTHERN
2/04/02	MALE	26	SOLO	WEATHER	KARATITI BAY CORNWALLIS : NORTH SHORE/WAITAKERE
13/04/02	FEMALE	35	SOLO	SUICIDE	WHITEWASH HEAD, SUMNER : CANTERBURY
16/04/02	MALE	43	PRIVATE GROUP	RIVERS	MOHIHINI RIVER GRANITY, WESTPORT : TASMAN
27/04/02	MALE	31	SOLO	SUICIDE	OYSTER BAY, PORT UNDERWOOD, PICTON : TASMAN
13/05/02	MALE	51	SOLO	SUICIDE	TUKI TUKI RIVER, HAWKES BAY : EASTERN

Date	Gender	Age	Target Group	Problem Type	District Name
3/06/02	FEMALE	73	SOLO	OTHER	MAUNGATUA,A WEST TAIERI : SOUTHERN
10/06/02	FEMALE	31	SOLO	SUICIDE	SUMNER/SCARBOROUGH : CANTERBURY
21/06/02	FEMALE	65	SOLO	RIVERS	WAIOMU, THAMES COAST : WAIKATO

TOTAL LAND FATALITIES 39

WATER

Date	Gender	Age	Target Group	Problem Type	District Name
19/07/01	MALE	35	OTHER	OTHER	12NM SW OF CAPE COLVILLE : AUCKLAND CITY
9/08/01	MALE	30	PRIVATE GROUP	OTHER	LEISURE ISLAND, MT MAUNGANUI : BAY OF PLENTY
23/08/01	MALE	35	PRIVATE GROUP	PERSON OVERBOARD	TUTAKURI RIVER MOUTH AWATOTO NAPIER HAWKES BAY :
24/08/01	MALE	18	PRIVATE GROUP	OTHER	LITTLE WAIHI, PUKEHINA : BAY OF PLENTY
28/08/01	FEMALE	19	COMMERCIAL GROUP	PERSON OVERBOARD	MOTHER RAPID, SHOTOVER RIVER, QUEENSTOWN :
19/09/01	MALE	61	SOLO	OTHER	LAKE PUPIUKE TAKAPUNA NORTH SHORE CITY :
4/10/01	MALE	33	PRIVATE GROUP	OTHER	TASMAN SEA, WAIKAWAU : CENTRAL
6/10/01	MALE	44	PRIVATE GROUP	WEATHER	CASCADE RIVER, SOUTH WESTLAND : TASMAN
7/10/01	MALE	30	PRIVATE GROUP	OTHER	CABLE BAY MANGONUI : NORTHLAND
7/10/01	MALE	67	PRIVATE GROUP	WEATHER	WEST COAST NEAR SCOTTS FERRY TANGIMOANA :
7/10/01	MALE	68	PRIVATE GROUP	WEATHER	WEST COAST NEAR SCOTTS FERRY TANGIMOANA :

Date	Gender	Age	Target Group	Problem Type	District Name
13/10/01	MALE	40	SOLO	SUICIDE	TAPUAEHARURU BAY, LAKE TAUPO : BAY OF PLENTY
18/10/01	FEMALE	63	SOLO	OTHER	TAURANGA HARBOUR : BAY OF PLENTY
25/10/01	MALE	33	SOLO	MEDICAL	WHANGAREI HARBOUR OFF ONE TREE POINT : NORTHLAND
26/10/01	FEMALE	11	SCHOOL GROUP	OTHER	CLARENCE RIVER, CLARENCE VALLEY, HAMNER SPRINGS :
26/10/01	FEMALE	13	SCHOOL GROUP	OTHER	CLARENCE RIVER, CLARENCE VALLEY, HAMNER SPRINGS :
1/11/01	MALE	30	SOLO	PERSON OVERBOARD	WHAKAIPO BAY, LAKE TAUPO : BAY OF PLENTY
4/11/01	MALE	18	PRIVATE GROUP	EQUIPMENT	BLUFF : SOUTHERN
18/11/01	MALE	22	PRIVATE GROUP	MEDICAL	LOWER WAIRAU RIVER, MARLBOROUGH : TASMAN
18/11/01	MALE	40	PRIVATE GROUP	OTHER	HOKITIKA GORGE : TASMAN
24/11/01	MALE	21	PRIVATE GROUP	OTHER	WAIMAKARIRI RIVER : CANTERBURY
27/11/01	MALE	23	SOLO	OTHER	AVON RIVER, INTERSCTN NEW BRIGHTON RD & LOCKSLEY :
10/12/01	MALE	20	PRIVATE GROUP	OTHER	MOTUKOREA CHANNEL, AUCKLAND HARBOUR : CENTRAL
26/12/01	MALE		PRIVATE GROUP	OTHER	WHANGANUI RIVER, UPOKONGARO, WANGANUI : CENTRAL
2/01/02	MALE	35	OTHER	OTHER	SAIL RICK NEAR WAIPU : NORTHLAND
4/01/02	MALE	26	PRIVATE GROUP	WEATHER	MATAURI BAY : NORTHLAND
14/01/02	MALE	19	OTHER	OTHER	LAWYERS YEAD JOHN WILSON DRIVE, DUNEDIN :
19/01/02	MALE	43	SOLO	OTHER	KAITUNA RIVER, TE PUKE : BAY OF PLENTY
1/02/02	MALE	18	PRIVATE GROUP	OTHER	OFF SADDLEBACK ISLAND : CENTRAL
5/02/02	MALE	41	SOLO	OTHER	PATAUA SOUTH : NORTHLAND

8/02/02	MALE		PRIVATE GROUP	OTHER	KARIOTAHİ BEACH : COUNTIES/MANAKAU
14/02/02	MALE	7	PRIVATE GROUP	NAVIGATIONAL	WAIWERA BEACH, WAIWERA : NORTH SHORE/WAITAKERE
7/03/02	MALE	36	RECREATIONAL CLUB	OTHER	BLACKHEAD BEACH, CENTRAL HAWKES BAY : EASTERN
10/03/02	MALE	31	PRIVATE GROUP	MEDICAL	OFF NORTHEND OF KAPITI ISLAND, PARAPARAUMU :
17/03/02	MALE	20	SOLO	OTHER	TAUPUTAPUTA : NORTHLAND
1/04/02	MALE	25	RECREATIONAL CLUB	PERSON OVERBOARD	WAIMAKARIRI RIVER NEAR KAIAPOI : CANTERBURY
1/04/02	MALE	26	PRIVATE GROUP	WEATHER	MANUKAU HARBOUR : NORTH SHORE/WAITAKERE
1/04/02	MALE	39	PRIVATE GROUP	WEATHER	MANUKAU HARBOUR : NORTH SHORE/WAITAKERE
10/04/02	FEMALE	35	SOLO	SUICIDE	HUKA FALLS, WAIKATO RIVER, TAUPO : BAY OF PLENTY
15/04/02	FEMALE	50	PRIVATE GROUP	PERSON OVERBOARD	KAIPIARA HARBOUR, TINOPAI : NORTHLAND
5/05/02	MALE	36	SOLO	SUICIDE	AUCKLAND HARBOUR BRIDGE : AUCKLAND CITY
15/05/02	MALE	21	OTHER	OTHER	NINE PIN ROCK WHATIPU MANUKAU : NORTH SHORE
15/05/02	MALE	23	OTHER	OTHER	NINE PIN ROCK WHATIPU MANUKAU : NORTH SHORE
15/05/02	MALE	25	OTHER	OTHER	NINE PIN ROCK WHATIPU MANUKAU : NORTH SHORE
28/05/02	MALE	21	PRIVATE GROUP	PERSON OVERBOARD	WHANGAREI : NORTHLAND
28/05/02	MALE	55	PRIVATE GROUP	PERSON OVERBOARD	WHANGAREI : NORTHLAND
16/06/02	MALE	3	SOLO	WEATHER	MAHINEPUA PENINSULA : NORTHLAND
21/06/02	FEMALE	65	SOLO	OTHER	FIRTH OF THAMES/WAIOMU : WAIKATO

TOTAL WATER FATALITIES 48

Resources Used During Operations - Land

Resource	# Of Personnel	Hours	Cost
ACCOMODATION/MESSING	0	0	\$2,782.84
COASTGUARD VESSELS	6	9.5	\$665.00
COMMERCIAL FIXED WING	9	15.5	\$3,100.00
COMMERCIAL HELICOPTER	216	341.9	\$343,310.00
MISCELLANOUS	6	4.75	\$683.50
NON POLICE	2865	15630.75	\$0.00
OTHER POLICE	1032	3513.65	\$93,658.21
POLICE HELICOPTOR	26	52.25	\$78,375.00
RNZAF HELICOPTER	5	49.5	\$0.00
SAR SQUAD	1795.5	5854	\$156,126.18
SPEC OTHER	55	144.5	\$0.00
TRANSPORT	0	0	\$4,992.64
LAND TOTAL:	6015.5	25616.3	\$683,693.37

Resources Used During Operations - Water

Resource	# Of Personnel	Hours	Cost
ACCOMODATION/MESSING	0	0	\$3,124.75
CIVILIAN VESSELS	160	276.45	\$19,351.50
COASTGUARD VESSELS	338	653.27	\$45,728.90
COMMERCIAL FIXED WING	26	56.5	\$11,300.00
COMMERCIAL HELICOPTER	98	121.3	\$121,300.00
COMMERCIAL VESSEL	76.3	192.45	\$19,245.00
MISCELLANOUS	0	0	\$1,305.99
NON POLICE	2530.25	7280.35	\$0.00
OTHER POLICE	1316.5	2566.05	\$68,436.55
POLICE HELICOPTOR	25	36.25	\$54,375.00
POLICE VESSELS	88	134	\$1.00
RNZAF FIXED WING	1	1	\$0.00
RNZAF HELICOPTER	1	0.5	\$0.00
RNZN VESSELS	6	8.5	\$0.00
SAR SQUAD	367	1676	\$44,698.92
SPEC OTHER	61	97	\$0.00
TRANSPORT	0	0	\$3,572.89
WATER TOTAL:	5094.05	13099.62	\$392,440.50
GRAND TOTAL:	11109.55	38715.92	\$1,076,133.87

Operation Hours

LAND	3318.7
WATER	1894.2
TOTAL	5212.9

Rescued Vessels Value

Total Value Of Rescued Vessels: \$4,446,102.95

Victim Intentions Known?

Type	Total	Yes	No	Unknown	NA
LAND	718	359	160	104	93
WATER	755	280	148	243	83

Victim Equipment Satisfactory?

Type	Total	Yes	No	Unknown	NA
LAND	533	244	10	88	98
WATER	600	208	10	148	134

Weather Conditions

	LAND	WATER	TOTAL
EXTREME	22	18	40
FAIR	153	190	343
GOOD	244	265	509
POOR	105	123	228
Grand Total:	524	596	1120