

NATIONAL ARCHIVES & PUBLIC RECORDS SERVICES
OF PAPUA NEW GUINEA

PATROL REPORTS

DISTRICT: MOROBE
STATION: Wau
VOLUME No: 5

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1956 - 1957

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Papua New Guinea Patrol Reports

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MOROBE DISTRICT PATROL REPORTS 1956/57

WAU

<u>Patrol No.</u>	<u>Officer Conducting Patrol.</u>	<u>Area Patrolled.</u>
1-56/57	R.N.Desailly	Aseki
2-56/57	G.A.Cumming	Biangai - Biarua Valleys



TERRITORY OF PAPUA AND NEW GUINEA

SPECIAL

PATROL REPORT

District of MORobe Report No. S. Rep. W. No. 1956-57

Patrol Conducted by R. N. DESAILLY Patrol Officer

Area Patrolled ASEKI

Patrol Accompanied by Europeans NL

Natives B.R.P.N.G.C.

Duration—From 13/8/1956 to 29/8/1956

Number of Days 17 Days

Did Medical Assistant Accompany? NO

Last Patrol to Area by—District Services JUNE/1956

Medical/...../18.....

Map Reference Sketch map accompanying report

Objects of Patrol Establish Patrol Post at Aseki

Director of Native Affairs,
PORT MORESBY.

Forwarded, please.

/ /19

District Commissioner

Amount Paid for War Damage Compensation ... £.....

Amount Paid from D.N.E. Trust Fund ... £.....

Amount Paid from P.E.D.P. Trust Fund

opula

MIGR

30/12/56



- 757

ARH.AH

Department of Native Affairs,
LAE

3rd. December, 1956.

Mr. R. N. Desailly,
Acting Assistant District Officer,
MEHAKIA.

PATROL REPORT - WAU SPECIAL NO. 1

It is regretted that we are unable to post an officer to ASEKI at present. It appears to be impossible to walk or air-strip at ASEKI and when an officer is available, I will post him to Slate Creek in the first instance. ASEKI area can be patrolled from there and this will solve the supply problem until roads are built.

The requisition for supplies for the new post has been approved and it will be kept here for the present.

As opportunity occurs, visit ASEKI and maintain touch with the people.

(A.R. Haviland)
DISTRICT OFFICER.

opula

30/1-148
Sub-District Office,
Menyanya
13.11.56

District Officer,
District Headquarters,
LAE

REPORTS OF PATROLS TO ASEEKI AND BANIR RIVER

Herewith two reports on patrols made by the undersigned.

The first, which covers the interrupted patrol from Wau, is long overdue but you may remember that I had barely returned to Menyanya when I was instructed to prepare to leave on another patrol. Being concerned with taking over, and then handing over again, the cash and stores at the station I had little time for writing the report which was still not completed when I left for the Banir River.

Both patrols were of a special nature and have not been set out under the usual headings because there was not sufficient relevant information obtained to make out the routine type report.

Two copies for forwarding to headquarters are enclosed according to instructions regarding reports of patrols in restricted areas.

R.N. Desailly
.....S/A.D.O.
(R.N. Desailly)

opula

Territory of Papua and New Guinea

Sub-District Office,
Menyamya

28.10.56

District Officer,
District Headquarters,
Morobe District,
L A E

WAU SPECIAL PATROL TO ASEKI

M.F. 56/57

Following the patrol of May/June of this year to the Kapau River it was decided that the station planned for the Kobakini area should be sited at Aseki, and that this station should then be administered through Menyamya.

Accordingly preparations were made to return with sufficient stores and supplies to commence building a post, and requisitions for supplies were forwarded for approval.

However, before the required approval was given advice was received that the writer would be required at Menyamya in mid-October to replace Mr Chester. It was therefore decided that the patrol should leave immediately and do as much as possible in the area before October.

Fortunately some trade goods were available at Wau, and some pick heads were sent from Lae, but there were no building tools, other than axes, and no nails.

Anticipating a stay of some two months I arranged for a large quantity of stores, and I intended that the carriers should be returned as soon as possible so that there would be no food shortage.

This was done, and work commenced clearing and building, using local people as much as possible. However a sudden change in the staff position made it necessary to take the patrol on through to Menyamya only a few days after we arrived.

I was a little dubious about the chances of getting local carriers, but they came in quite well and did much better than I had expected. We were careful to give them light loads, and although some of them once said they thought Menyamya was too far they were persuaded to continue and later appeared pleased with their pay.

The attitude of the natives generally was better than I had expected, and certainly better than on my first visit. I suspect that they thought we intended to take all their good land or make ourselves unpleasant in some other way, and when they found that we paid well for anything we received and arranged payment for anything likely to be damaged they became quite friendly and co-operative.

At present there seems little chance of an officer being available to resume operations at Aseki for some time, as Menyamya needs another man and must, I think, have priority.

It is a pity that the staff position is so bad, as I estimate that there are about ten thousand people who could be administered from Aseki and most of them are at the stage where a few years of consolidation work and constant contact would probably result in quite effective control.

However I will attempt to visit the area every four or five months from Menyamya, and it is hoped that the road between Aseki and Sikwong will soon be completed. Except for a few miles of rough timbered country, where tracks are of the poorest kind, there is a good walking track from Menyamya which makes it possible for carriers to do the trip in two days.

AIRSTRIP SITE When more of the timber was cleared from the proposed airstrip site it became apparent that much more work would be required than I had at first thought. The original line of levels, taken through bush country, seemed to indicate that the lateral slope was much less than it was later seen to be, and a shallow depression towards the lower end had not been noticed at all. Consequently Mr Baker, of the Department of Civil Aviation, was not favourably impressed.

If the local people could be made enthusiastic about the project I think it could still be done within a year, but these local natives are not given to such enthusiasms and roadbuilding seems a better scheme. A vehicle road to Aseki from Slate Creek would be an even bigger project, but it would be shared by a very large section of the population and no one group would be required to do too much.

A road would also greatly benefit the people of the Upper Watut, as I noticed that in the Slate Creek area they are beginning to plant coffee and they could also grow cash crops such as potatoes and other introduced vegetables. It is suggested that if a Patrol Officer is to be stationed at Wau consideration should be given to his spending some time surveying and building a vehicle road westward from the end of the existing road which ends some two miles west of the junction of Slate Creek and the Watut.

The lack of useful information in this report is regretted, but as most of the time was spent arranging to get personnel and stores into Aseki and then out again I had little opportunity to make detailed observations or do any of the routine administrative tasks usually part of patrol work.

R.N. Desailly
.....P.O.
(R.N. Desailly)

PATROL DIARY

- Monday 13th August 1956 By motor transport from Wau to Slate Creek, arriving 1600.
- Tuesday 14th August Sent out for carriers. Some time in talk with local people.
- Wednesday 15th August Preparation of cargo etc.
- Thursday 16th August Six hours walk for heavily laden carriers to Hauwata. Camped.
- Friday 17th August Hauwata to Kobakini six hours.
- Saturday 18th August Some carriers paid off, 48 replacements arranged for.
- Sunday 19th August At Kobakini.
- Monday 20th August From Kobakini about six hours to Anggeiwanga. Camped.
- Tuesday 21st August Arrived Aseki at noon after four hours walking. Started on house site after paying the bulk of the carriers and a short discussion with local natives.
- Wednesday 22nd August Main body of carriers returned to their villages and only a small number of Watut natives retained as the nucleus of a carrier line. Work done on the house with some assistance from local natives. Checked stores and provisions.
- Thursday 23rd August Compensation paid to natives owning gardens and food trees on land which we may wish to clear to examine the possibilities of putting in an airstrip. 7 tomahawks, 11 small knives, 3 bush knives, 10 laplaps, 1 kumakuma shell, 1 spotted kumakuma shell, 3 mirrors, 40 boxes of matches, 15 tins of meat, a quantity of salt and some giri giri shell given to the small group of natives after inspecting all of the area likely to be concerned. This action had a marked effect on the attitude of the people, and when they were told that salt and shell could be earned by bringing building materials, and for other assistance, they brought us all we asked for. A much more friendly atmosphere than previously. Mr Chester, A.D.O. Menyamya arrived during the afternoon with Mr Baker of the Dept. ~~Ext~~ of Civil Aviation, the latter to inspect the strip site and report on its possibilities.
- Friday 24th August Small party worked on house while the main party cut timber on the strip site.
- Saturday 25th August Runner from Menyamya arrived and advice received of my transfer back to Menyamya immediately.
- Sunday 26th August Mr Chester left for Menyamya.
- Monday 27th August Continued work on house, which now has the roof and part of the walls completed. Arranged for carriers to take part of patrol stores to Menyamya.

Tuesday 28th August

N.C.O. with three police left to put finishing touches on house and to shift the remainder of the patrol to Menyama. Departed with approximately sixty carriers for Menyama, assisted by police left for this purpose by Mr Chester. Patrol reached Sikwong and camped, self and Mr Baker to Menyama so that the latter would be able to reach Lae on the usual Wednesday aircraft.

Wednesday 29th August

Patrol arrived Menyama noon, carriers paid off.

Lance Corporal Laiu reported in with the remainder of the police and all patrol stores except for some pick heads which he was instructed to leave at Aseki to be used later on road building. The house has been completed except for doors and windows, and the local natives have stated that they will take care of it. The last of the patrol carriers, with Laiu, arrived on the 3rd of September after three easy days travelling.

R.N. Desailly
.....P/O
(R.N. Desailly)

MENYAMYA

SIKWONG

MAP TO ACCOMPANY REPORT OF CONTROL
TO
KAPAU RIVER

ANGGEMWANG

ANGGEMWANG

HMO

ASEKI

KOKI

SIUWAH

JAM DAMMA

WANGDAMI

UNIR

WANGDAMI

PEIYU

PEIYU

PEIYU

UNGI

PAPUAN BORDER (APPROX)

KAPAU RIVER



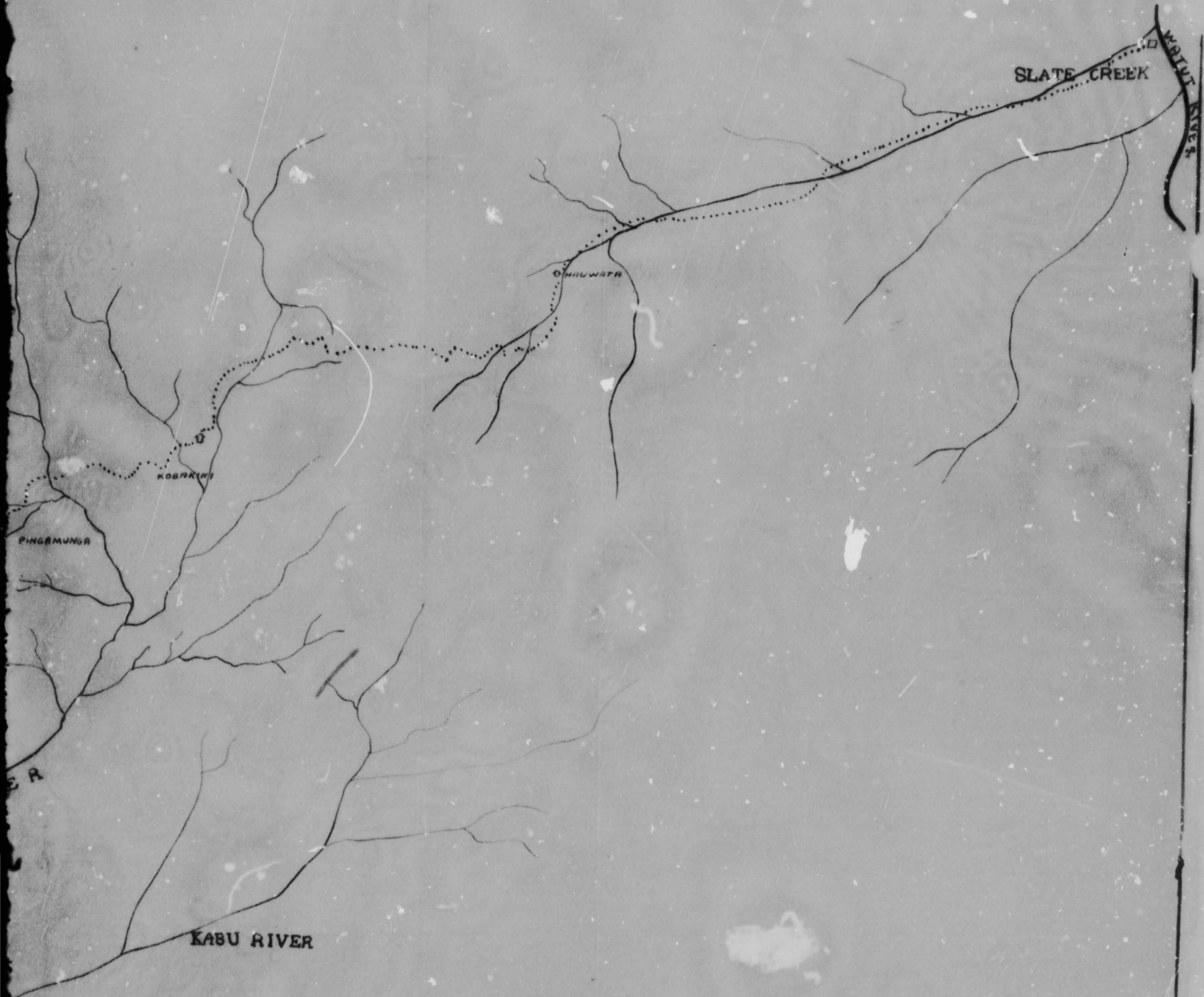
MAP TO ACCOMPANY REPORT OF A PATROL
TO
KIPAU RIVER



WAVU PATROL NO. 1 56/57

R. Desailly P.O.

DL



WHU PATROL No. 1 56/57

R. Desailly P.O.



TERRITORY OF PAPUA AND NEW GUINEA



30/2/43

PATROL REPORT

District of MORobe Report No. NAU 2-56/57
 Patrol Conducted by G. A. COMMING - CADET PATROL OFFICER
 Area Patrolled SIANGAI BARU VALLEYS
 Patrol Accompanied by Europeans RM
 Natives 7 RBN
 Duration—From 1/5/1957 to 10/5/1957
 Number of Days TEN
 Did Medical Assistant Accompany? NO
 Last Patrol to Area by—District Services 29/11/1955
 Medical 5/3/1957
 Map Reference.....
 Objects of Patrol CENSUS AND ROUTINE ADMINISTRATION

DIRECTOR OF DISTRICT SERVICES AND NATIVE AFFAIRS, PORT MORESBY.

Forwarded, please.

17/1957

G. A. Comming
District Commissioner

Amount Paid for War Damage Compensation £.....
 Amount Paid from D.N.E. Trust Fund £.....
 Amount Paid from P.E.D.P. Trust Fund £.....

30/2/43

Village Popul

Year..... 56 57

VILLAGE	DATE OF CENSUS	Births		DEATHS														MIGRATION	
				0-1 Month		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth			
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	
<u>BIANGI C.S/D</u>																			
KAISINIK	1/5	3	1														1	1	1
KWEMBU	1/5	1															1	1	2
BRIANEN	2/5	4	1														2	3	2
WINIMA	2/5	4	2					3									1		1
ILAUU	2/5	4	2										1				2		1
WURAWURA	2/5	3	3					1	1				1						2
WANDUMI	11/5	2	2			2				1						1	2	1	
Totals		21	11			2		4	2	1			2			4	6	10	9
<u>BIARU C.S/D</u>																			
WUDJINI	4/5	2															1		
IRAVU	4/5	8	1														1		2
DAUDORO	4/5	1	4																
TAURIS	5/5	7	7																
TORI	5/5	2	2														1		2
GORUA	6/5		1					2									1	1	1
ULUM	6/5	1	1										1			1	1	1	1
Totals		21	16					2					1			3	3	6	8

30/9/57 ✓



TERRITORY OF PAPUA AND NEW GUINEA

In Reply
Please Quote

No. 30-1-9 - 327

APH.AH



Department of Native Affairs,
District Office,
L.A.E.

22nd. July, 1957.

The Director,
Department of Native Affairs,
PORT MORESBY.

PATROL REPORT NO. 2 OF 1956/57 WAU

Your NA.30-9-84 of 12th. July, 1957, refers.

This District has been desperately short of staff and there has not been a Patrol Officer at Wau for some considerable time, the officer previous to Mr. Cumming having resigned and there having been no replacement.

It is practically impossible, of course, for the Assistant District Officer, Wau, to be absent from his township for more than a few days at a time.

*Wau
Reply considered
unsatisfactory
A 27*

A.P. Haviland
(A.P. Haviland)
DISTRICT OFFICER.

30/9/84 ✓

NA.30-9-84

Department of Native Affairs,
Port Moresby.

12th July, 1957.

The District Officer,
LAE.
Morobe District.

Patrol Report No. 2 - 56/57 - WAU.

It is noted that this report is the second Wau report for the year 1956/57 and that eighteen (18) months have elapsed since the area was last patrolled by Native Affairs officers.

What arrangements are being made for the preparation for market and marketing of coffee? A start should be made now.

It appears to me that the local people might be encouraged to keep suitable old army roads in repair with a view to transporting produce to market in the future.

Mr. Cumming has presented a good patrol report which indicates a keen interest in his job.

8/11
18
177

A.A.R.
(A.A. Roberts)
Director.



20/9/84 ✓

Department of Native Affairs,
District Office,
L.A.E.

ARR.AH

1st. July, 1957.

Mr. G. Cumming,
Patrol Officer,
M.A.U.

PATROL REPORT NO. WAN 2 - 56/57

NATIVE AFFAIRS:-

Native groups quite often come over from MINIMAIPA to the Waria and remain for a season or two and provided they are welcome, very little harm is done. However, a close watch is kept on them by the Officer-in-Charge, Murobe, and any unpleasantness is quickly discouraged. Any infiltration into the Biaru Valley should be similarly controlled.

It is not unusual for villagers to set up communities in the vicinity of their agricultural activities and future patrols should make close observations as to hygiene, and healthy siting, and early advice often saves a deal of trouble later on.

IRAVU, TAURIS and GORUA villages are certainly over-recruited and I will advise the Assistant District Officer, Wan, to make frequent checks of the whole area. I will not make recommendations in the matter of Labour Restrictions at present.

AGRICULTURE AND FORESTRY:-

I will send a copy of your section under this heading ✓ to the District Agricultural Officer.

The patrol was somewhat hurried on account of your having to return to hand over Mameng to Mr. Laughlin, but more time should be taken normally.

Quite an interesting report.

D. N. A.



AA
(A.R. Haviland)
DISTRICT OFFICER.

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(EWA)

TERRITORY OF PAPUA AND NEW GUINEA

DS. 30/1 - 46
Sub-District Office,
WAU.

20th June, 1957

District Officer,
L. A. E.

PATROL REPORT - WAU 2 - 56/57

BIANGAI/BIARU CENSUS DIVISIONS

Enclosed in duplicate is the above report, of a patrol carried out by Cadet Patrol Officer, G.A. Cumming.

Native Affairs: The inhabitants of these two areas are normally quite well-behaved, though there was some disagreement between them and the KUNIMAIPA settlers. The BIARU natives complained that they had only allowed the KUNIMAIPAS use of their land, providing they did not interfere with their own requirements, and then the KUNIMAIPAS shot some of their pigs and were taking food from their gardens.

The withdrawal of the KUNIMAIPAS has prevented any serious trouble.

Though there is a large percentage of the BIARU peoples absent at work, they do not go far afield for employment and are mostly employed locally on a casual basis.

Medical and Health: Mr. L. Auchetti, E.M.A., had recently completed a patrol of this area and reported a favourable state of affairs. The anti-yaws campaign was carried out at the time of this patrol.

Agriculture & Forestry: An Agricultural Assistant has now been posted to the area but as he was recalled for temporary duties elsewhere, it has not been possible to inaugurate a programme for assisting the development of the various coffee projects in the area. On his return he intends concentrating on the Wau Sub-District, it having been the most neglected, from the point of view of the Department concerned.

Census & Statistics: The low death rate and excess of births over deaths are encouraging signs. The infant welfare sister gives the women of these areas advice on her regular monthly visits, and this may be partly responsible for the improvement.

7

2.


The ratio of males and female children is fairly even, though there is an excess of males to females in the 10 - 16 group and 16 - 45 group; yet the adult totals show an excess of females to males. This may be due to the women appearing older at an earlier age and thus causing their initial age estimates to be incorrect.

The HIANGAI population has increased by 3.2 per cent. in eight years and the HIARU by 5 per cent. This however does not represent a natural increase as, in the total period, deaths have been higher than births. Migrations in, exceeding migrations out, are responsible for the increase.

The delay in submitting this report was occasioned by Mr. Cuming's immediate recall to Mmang Patrol Post, to hand over that station.

Contingencies, for the payment of camping allowance, are enclosed and reports, on the land availability in the area, are forwarded under separate cover. ✓

This was Mr. Cuming's first patrol in this Sub-District and, from the report submitted, it has been possible to make several suggestions which will be of assistance to him in the future.


T. J. LEABATER,
Assistant District Officer.

ENCL.

TERRITORY OF PAPUA AND NEW GUINEA

File
PATROL DIARY

Monday 1st May.

A.M.-To KAISINIK by truck from WAU.

P.M.- Census and inspection of KAISINIK.
To KWEMBU, one hours walk from KAISINIK- census
and inspection.

Tuesday 2nd. May.

0800 hrs. Departed KAISINIK for WARABUNG rest house;
arrived 0905 hrs. Census of BAIWEN, WINIMA,
ILAUHU, WURAWURA.
1300 hrs. Visited and inspected WINIMA village. Returned
to WARABUNG rest house.
1520 hrs. To WURAWURA And BAIWEN villages for inspection.

Wednesday 3rd. May.

0730 hrs. Departed WARABUNG rest house.
0805 hrs. Visited and inspected ILAUHU village.
0820 hrs. Departed ILAUHU for WARABUNG camp. Arrived 1530 hrs.

Thursday 4th. May.

0600 hrs. Departed WARABUNG camp for WUDJINI in the BIARU
Valley. Arrived 1415 hrs.
1500 hrs. Census of WUDJINI Group - WUDJINI, ILAVU, DAUDORO.

Friday 5th. May.

0700 hrs. Visited and inspected DAUDORO hamlet.
0915 hrs. Departed WUDJINI for TAURIS. Followed turn-off,
half hours walk from WUDJINI, for inspection of
ILAVU village. Departed ILAVU 1000hrs. for
TAURIS; arrived 1030 hrs. Census and inspection.
1300 hrs. Departed TAURIS FOR TORI. Arrived 1630 hrs. after
climbing rim of valley.

Saturday 6th May.

0800 hrs. Census and inspection of TORI.
0900 hrs. Departed TORI for GORUA; arrived 1000.
Census and inspection of GORUA and hamlet, OIUM.

Sunday 7th May.

0700 hrs. Departed GORUA FOR TORI; arrived 0810, changed
carriers and proceeded to TAURIS. Arrived at
TAURIS 1105 hrs. Continued up BIARU valley, arrived
at WUDJINI 1230.

Monday 8th May.

0700 hrs. Departed WUDJINI for climb over Dividing Range
to the BIANGI Valley. Arrived at WARABUNG Camp
1425.

TERRITORY OF PAPUA AND NEW GUINEA.

PATROL DIARY (Continued)

Tuesday 9th. May.

0700 hrs. Departed WARABUNG camp for WARABUNG Rest House; arrived 1130.
1330 hrs. Departed WARABUNG Rest House for KAISINIK; arrived 1530.

Wednesday 10th. May.

A.M. Returned to WAU.

Thursday 11th. May.

A.M. To WANDUMI village by Landrover, half hour by road from WAU. Census and inspection.

END OF DIARY

-00000-

INTRODUCTION.

The BIANGI-BIARU Census Sub-Divisions are situated approximately four miles South-East of WAU.

KAISINIK at the entrance of the BIANGI Valley is the outlet for fresh vegetables which are sold at the Native Market at WAU. The movement of produce from the BIANGI is facilitated by the existence of a motor road from KAISINIK to WAU.

The two river valleys are separated by a rugged mountain range of approximately 8000 ft. a.s.l. The BIANGI Valley and the BIARU Valley are similar in nature, both being extremely rugged, and except on the river flats of the BULOLO in the BIANGI, and the BIARU in the lower valley, unsuited to any type of agriculture except subsistence cropping.

European type vegetables are grown throughout both valleys, and limited areas of coffee have been planted.

-00000-

NATIVE AFFAIRS.

Paramount Luluais	-	1
Luluais	-	9
Tul Tuls	-	9
Medical Tul Tuls	-	8

TERRITORY OF PAPUA AND NEW GUINEA.

PATROL DIARY (Continued)

Tuesday 9th. May.

0700 hrs. Departed WARABUNG camp for WARABUNG Rest House;
arrived 1130.
1330 hrs. Departed WARABUNG Rest House for KAISINIK ; arrived
1530.

Wednesday 10th. May.

A.M. Returned to WAU.

Thursday 11th. May.

A.M. To WANDUMI village by Landrover, half hour by
road from WAU. Census and inspection.

END OF DIARY

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Paramount Luluais	-	1
Luluais	-	9
Tul Tuls	-	9
Medical Tul Tuls	-	8

TERRITORY OF PAPUA AND NEW GUINEA.

NATIVE AFFAIRS. (Continued)

Three provisional appointments of Village Officials were made during the patrol, as the former officials are now deceased.

YAIBA of WINIMA provisionally appointed Luluai.
MAPI of WUDJINI " " Luluai.
XUMIN of GORUA " " Tul Tul.

Two groups of natives from the KUNAMAIPA area who had established villages at the far end of the BIANGI Valley proved themselves such a nuisance that they were requested to leave the valley by the GORUA village natives on whose land they were residing. One group has migrated to WARIA Census Sub-Division, the other group is returning to their own land in the KUNAMAIPA area, which is administered from TAPINI station.

Several villages in the BIANGI Valley, namely, WINIMA, TIAUWU, and KWEMBU have departed from their former sites on elevated ground and have settled on the river flats of the BULOLO, where initial planting of coffee has begun; and shows promise of developing into a financially successful cash crop. As yet, the plantings are small in number, but nurseries for the young coffee plants are being established in most villages.

Throughout both the BIANGI and BIANGI Valleys recruiting of Native labour is quite heavy. A large percentage of eligible male workers are absent, being employed in or around WAU-BULOLO. However this does not cause a disruption of village life, as the proximity of WAU and the large number of vehicles on the WAU-BULOLO road enables employed Natives to visit their villages regularly.

See Appendix 'A' for Native Labour Statistics.

-ooOoo-

AGRICULTURE AND FORESTRY

The rugged nature of the terrain in both valleys does not encourage the development of large garden areas. Only on the river flats of the BULOLO and BIANGI rivers may suitable soils be found, and planting of Native and European crops are limited in area.

A wide variety of crops are grown; varying from taro, sweet potato, and corn to potatoes, eschallots, pumpkin, cabbages and citrus fruits.

Coffee planting has been established in both the BIANGI and the BIANGI. The introduction of an Agricultural Assistant to this area would greatly encourage future extensions to present holdings. Approximately 3000 coffee trees have been planted in the BIANGI valley, and nurseries are kept in all villages. The planting of coffee throughout the BIANGI is limited, but large nurseries are maintained in most villages, awaiting the growth of protective shade trees before planting.

The vegetation cover consists of large areas of humid grassland and Tropical Rain Forest. Approximately 50% of the BIANGI, and 66% of the BIANGI is covered by the humid grasses.

Although stands of Hoop Pine are scattered throughout the BIANGI Valley they do not appear to be of sufficient number to encourage large scale milling operations.

-ooOoo-

TERRITORY OF PAPUA AND NEW GUINEA.

MEDICAL AND HEALTH

The general state of health was found to be quite good. Infant mortality in the BIARU was particularly low. Two deaths in the 0-1 year age group were noted in the BIANGI census, and nil in the BIARU. However personal hygiene was noticeably absent, as many young children were covered in small sores. No active case of Yaws was noted during the patrol.

Two Native Medical Orderlies are stationed in the BIANGI Valley at WANDUMI. The proximity of the Native Hospital at WAU allows for constant supervision by the Medical Assistant of the activities of both Orderlies. In the BIARU there is a Medical Orderly stationed at TAURIS.

There was no evidence of Malaria in the BIANGI, and only in the lower reaches of the BIARU at TORI and GORUA-UIUM, were Malaria-carrying Mosquitos active.

Several cases of fatalities resulting from snake bite were reported in the BIARU Valley, where much of the area is covered by coarse Kunai grasses. The Natives were advised to carry a sharp instrument, preferably a razor blade, and strips of cloth or vine suitable for application as tourniquets; and were instructed in their use.

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EDUCATION

The only Government school in the area is at KAISINIK in the BIANGI Valley. The grades range from Preparatory to Grade 5, and include 67 pupils. Many of the pupils at the Government school receive preparatory training from Lutheran Mission Teachers, who are stationed at WANDUMI, ILAURU, BAIABEK and WINIMA.

The Lutheran Mission has two Catechists at IRAWU in the BIARU - this is the only established Mission school in the BIARU. The language employed by Mission Catechists is Yabim - English is not used.

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ROADS AND BRIDGES

KAISINIK at the entrance of the BIANGI Valley is connected by motor road to WAU. A continuation of this road was made by Australian Army Engineers during the Second World War and extends as far as WAPABING Rest House at the far end of the valley. At present the wire suspension bridge which fords the BUIOLO River at KAISINIK is unserviceable, and no maintenance has been made on the road since the War.

The walking tracks between villages were generally in good condition, and the connecting road between the BIANGI and BIARU valleys has greatly improved since the last patrol.

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TERRITORY OF PAPUA AND NEW GUINEA

VILLAGES AND HOUSING.

Most villages were attractively laid-out, and in a neat and orderly condition. Only rarely were directions for the improvement of housing necessary. This was due mainly to the number of recently constructed houses - the result of village migrations from their former sites on elevated ground to the richer soils of the river flats, for the planting of subsistence crops and coffee.

Bamboo fencing was evident in all villages to prevent the pig colonies which scavenge in the surrounding bush from destroying village gardens.

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CENSUS.

The combined population of the BIANGI-BIARU gave a total of 1506, an increase of 51 since the last D.N.A. patrol in December 1955.

Births exceeded deaths by 44 in the BIANGI, and 28 in the BIARU; a ratio of 2:1 and 4.3:1, respectively. The relatively low deathrate in the BIANGI and particularly the BIARU is directly responsible to the balanced diet of sweet potato, taro and green vegetables, supplemented by pork and occasionally fish.

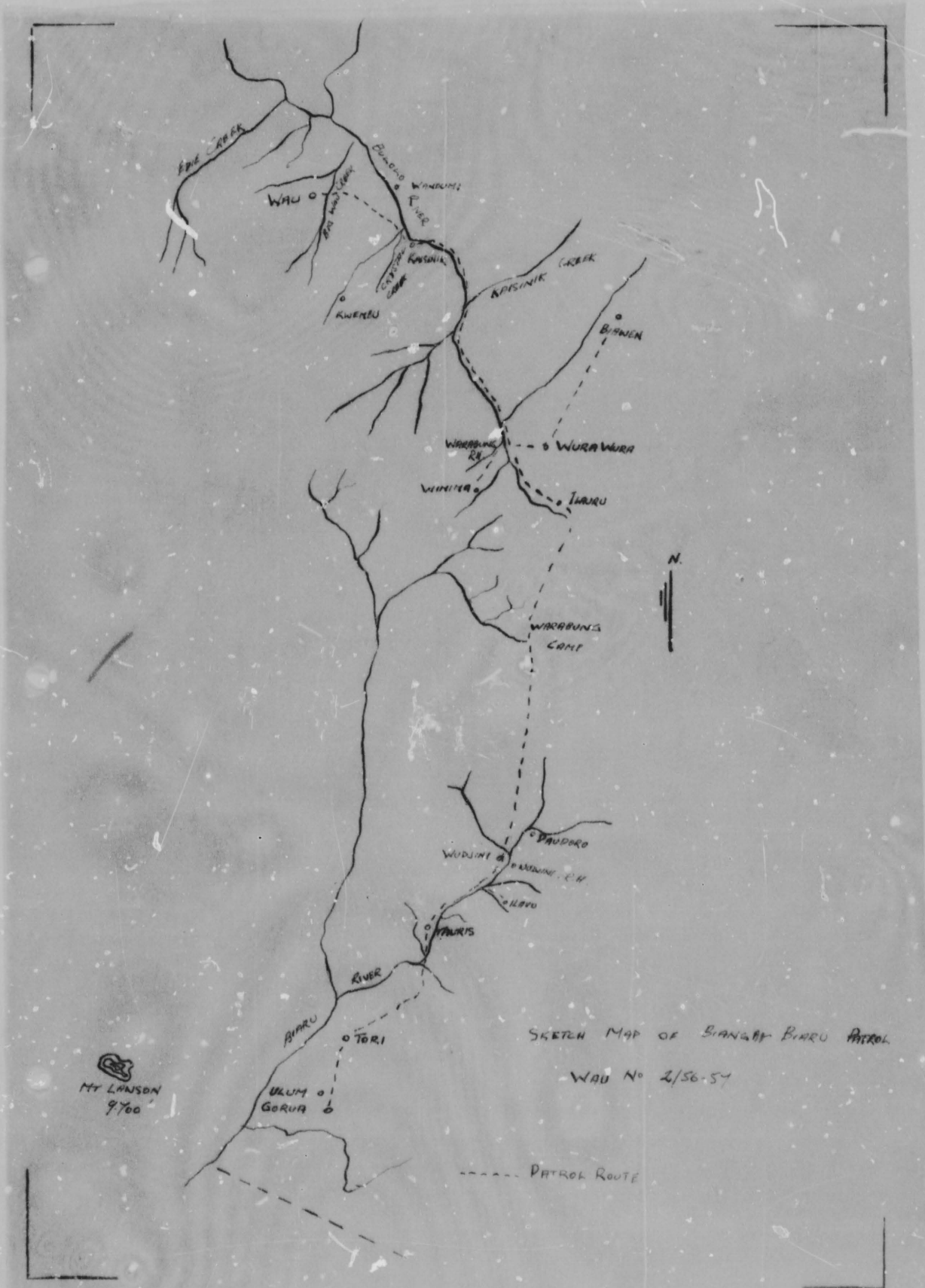
G.A. Cumming
.....
(G.A. Cumming) C.P.O.

TERRITORY OF PAPUA AND NEW GUINEA

VILLAGE	Labour Potential 16-45 yrs.	men absent	%absent
KAISINIK	22	8	36%
KWEMBU	16	6	37%
WINIMA	26	7	27%
ILAU RU	29	8	27%
WURAWURA	38	12	30%
BATAWEN	49	17	34%
WANDUMI	43	12	26%
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VUDJINI	11	3	27%
IRAVU	20	9	45%
DAUDORO	25	9	36%
TAURIS	56	27	48%
TORI	37	13	32%
GORUA	17	10	59%
ULUM	13	5	38%
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BIANGI Group	223	70	32%
BIARU Group	179	76	42%

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G.A. Cumming
(G.A. Cumming C.F.O.)



SKETCH MAP OF BIARU PATROL

WAO No 2/56-57

----- PATROL ROUTE


 MY LAWSON
 9/60

ation Register

Area Patrolled... BIANGAI - BIARU VALLEYS

RATIONS		ABSENT FROM VILLAGE								LABOUR POTENTIAL				FEMALES			Average Size of Family	TOTALS (Excluding Absentee)				GRAND TOTAL
Out		AT WORK		STUDENTS				Males		Females		Pregnant	Number of Child Bearing Age	Child		Adults						
M	F	Inside District	Outside District	Govt.	Missior.	10-16	16-45	10-16	16-45	M	F			M	F	M		F	M	F		
	1	6	2	6	1	1		9	22	7	16	2	16	2	20	17	15	12	80			
		4	2	3				6	16	7	12	1	12	2	10	12	11	13	55			
		11	6	9	2	3		18	49	9	27	2	27	3	38	34	35	32	170			
2	2	2	5	7				9	26	4	23	2	23	3	21	20	18	24	97			
		6	2	7		3		12	29	8	24	1	24	3	17	27	25	23	110			
		8	2	11	4			17	38	9	29	2	29	3	34	27	31	23	164			
1	7	4	8					14	43	11	28	3	26	3	22	16	38	31	127			
3	10	41	2	29				85	223	55	159	13	157	3	162	163	173	168	802			
	1	3						5	11	3	8	1	8	3	10	13	9	8	43			
		8	1					11	20	8	16	2	16	3	21	29	18	23	100			
		3	6	1				6	25	5	17	1	17	3	25	24	21	24	104			
		20	7	2				20	56	18	45	3	40	3	38	44	41	50	202			
1	1	12	1	1				6	37	13	26	2	22	3	22	24	23	30	113			
		10						9	17	7	15	1	14	3	21	23	11	19	84			
1		4	1	2				9	13	5	13	1	12	3	16	12	9	13	57			
3	2	60	16	6				66	179	59	140	11	129	3	153	169	132	167	703			