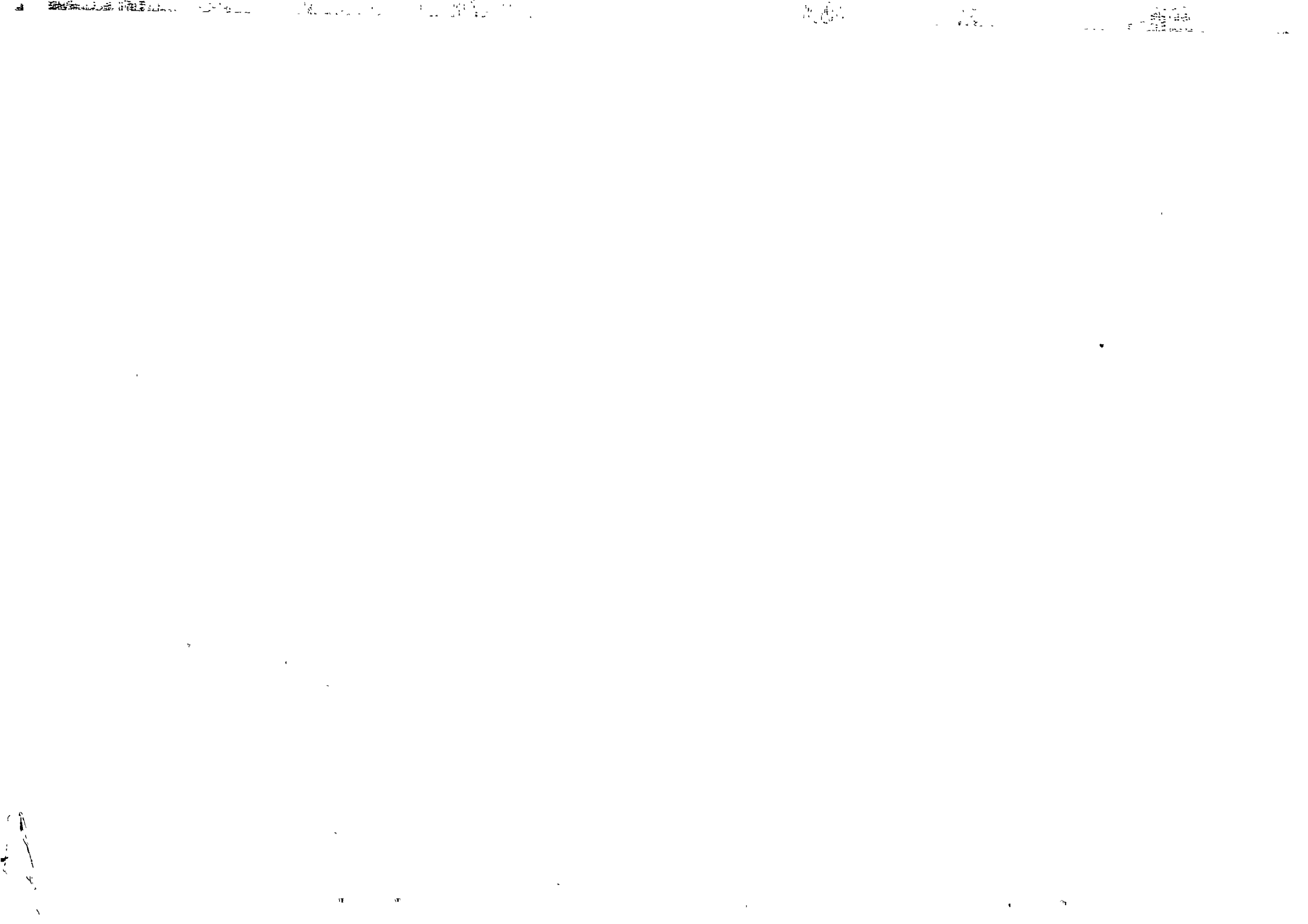


# **FLUOROSIS**

**HEALTH AND EPIDEMIOLOGICAL SURVEY OF  
SOME HIGH FLUORIDE VILLAGES OF  
DUNGARPUR DISTRICT**

**CONDUCTED FOR:  
UNICEF, RAJASTHAN**

**DEPARTMENT OF COMMUNITY MEDICINE  
R.N.T. MEDICAL COLLEGE, UDAIPUR  
RAJASTHAN**



## PREFACE

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Provision of adequate safe and potable drinking water to the communities is one of the prime responsibilities of all governments. Unfortunately even after 50 years of independence, with the universal access of safe water targeted to be achieved by the end of the Eighth Plan majority of people are still compelled to drink water contaminated with various chemicals, living organisms (bacteria, worms and microorganisms) etc. leading to innumerable health problems.

The problem is further aggravated by the scarcity, rapid ecological changes, operational, technical and social barriers prevalent amongst the masses.

One such health problem associated with the consumption of drinking water containing fluorides in excess of 1.5 ppm is fluorosis, which manifests itself in different forms affecting almost all the organs and systems of body leaving behind its crippling affects which can be witnessed in almost all the states across the nation.

In order to approach this problem in a realistic manner "Technology mission on safe drinking water" was introduced by Government of India in 1986 to take cognizance of the problems of drinking water specially in rural areas of the country and since then a lot of work has been done in this direction.

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The present study attempts to find the magnitude of the problem in terms of prevalence, assess the effectiveness and operational feasibility of the two known techniques of domestic defluoridation and to monitor changes in the health status of population following consumption of fluoride free water in few villages of district Dungarpur in South Rajasthan.

Findings and the recommendations of this Pilot study should be useful for the planners and programme managers to understand the gravity of existing problems in this part of Rajasthan so that appropriate remedial measures may be initiated and extended to other parts of the state facing similar problems to provide relief to the sufferings of people on account of this debilitating disease.

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# EXECUTIVE SUMMARY

Endemic fluorosis is a public health problem in India and Rajasthan is one of the states showing endemicity of the disease in many of its districts.

The present study with a pre-post and case control design, conducted in the project villages of two blocks of Dungarpur district adopted by two NGO's SARITA and SWACH and supported by UNICEF, Jaipur has brought out the following facts to light:

- 1) In a base line survey conducted on a population of 2913 in Aspur block and 3073 in Dungarpur block by the animators of the respective NGO's following a one day training showed that 46.96 percent in Aspur and 25.19 percent persons in Dungarpur block had the symptoms suggestive of fluorosis. (As per annexure IIA) These persons were asked to report for clinical examination in medical camps organised at each of the villages in the two blocks to confirm the findings of household survey, where only 20.28 percent in Aspur and 36.69 percent in Dungarpur block reported for examination. Almost 80 percent of these persons were found to suffer from signs and symptoms of skeletal fluorosis giving a prevalence rate of 92.3 and 75.8 per thousand population-exposed. (Table 1 & 5 A)
- 2) Prevalence of non-skeletal fluorosis (involving gastrointestinal tract, nervous system, urinary tract and allergic manifestations)

was found to be 86.2 and 96 per thousand population exposed in Aspur and Dungarpur block respectively. (Table 5A)

- 3) Sexwise distribution of patients examined clinically during preintervention phase showed that females suffered more as compared to males in both the blocks. (Table 5A)
- 4) Pain in neck and backbones was the main symptoms in persons suffering from skeletal manifestations in both the blocks and an association between symptoms and the two physical tests i.e. touching chin to chest and touching feet without folding knees was found to be statistically significant ( $P < 0.001$ ) thereby establishing the validity of these tests to diagnose the disease in field situation (Table 7A & B).
- 5) Symptoms suggestive of non-skeletal fluorosis viz. loss of appetite, pain abdomen, gas formation and increased frequency of urination were found in almost 25 to 50 percent of subjects examined in both the blocks. (Table 6)
- 6) Patients clinically examined in the two blocks showed that 6.31 percent people in Aspur block and 5.57 percent in Dungarpur block had developed kyphosis (deformity of spine) as a result of prolonged exposure to high levels of fluoride in drinking water. Other deformities viz. flexor deformity of knee joints, cross leg deformity and bowing of legs were also observed in many patients. Females were found to suffer more in comparison to their male counterparts in the two blocks. (Table 8)

- 7) Percentage of patients who were unable to perform their routine domestic tasks on account of various deformities in Aspur and Dungarpur block was found to be 4.46 and 9.87 respectively.
- 8) A statistical significant association was observed between duration of stay of people in the village and fluoride levels in drinking water to the development of musculo-skeletal manifestations of fluorosis in both the blocks (Table 9 A & B).
- 9) Neurological examination revealed brisk reflexes in 7.19 percent patients in Aspur and 6.33 percent patients in Dungarpur block. In addition to it 4.16 percent patients in Aspur and 2.81 percent patients in Dungarpur block had muscle power less than grade IV, suggesting an upper motor neuron lesion as a result of fluoride deposition in the vertebral canal causing signs of compression whereas no such changes in the reflexes and muscle power were observed in the control villages having fluoride levels less than 1.5 ppm.
- 10) Odds ratio (OR) calculated to know the measure of association between exposure to high fluoride and development of disease showed that people in Aspur block had 5.05 and in Dungarpur block 17.94 times risk of developing the disease than those not exposed to high fluoride as in control villages.
- 11) Obstetric history of women in reproductive age group gave prevalence of abortions, still births to the tune of 1.61 percent and 1.21 percent in Aspur block and 2.42 percent and 1.21 percent respectively in Dungarpur block. Prevalence of sterility was 2.29



percent and 2.56 percent respectively in the two blocks.

- 12) No significant association could be established between diet, personal habits and the occurrence of disease though diet of people residing in both the blocks was found to be deficient in calcium and vitamin C.
- 13) To monitor the changes in the health status and the extent of relief in the reversible signs and symptoms of the disease a post intervention medical check up of same series of subjects was conducted three months following intervention i.e. consumption of water defluoridated by the two known techniques of domestic defluoridation using a three point scale on each of the symptoms of fluorosis, where score "1" meant no relief, "2" if partial relief and "3" for complete relief.
- 14) For various reasons out of 334 patients examined prior to giving any intervention in Aspur block only 176 and out of 284 patients in Dungarpur block only 162 patients turned up for clinical examination in these camps. Possibly patients with mild symptoms and relieved of there complaints following intervention did not report in these camps.
- 15) Out of those examined more than 50 percent patients showed complete and 20-30 percent partial relief in the symptoms of gastrointestinal tract in Aspur block whereas these figures were 46 and 24 percent respectively in Dungarpur block (Table 13 A & B)
- 16) More than 50 percent patients in both the blocks had partial relief in their symptoms of musculo-skeletal system and were able to

pursue their normal chores with the availability and regular consumption of defluoridated water which they were unable to do earlier. (Table 14 A & B)

- 17) Partial to complete relief in their symptoms of increased frequency of urination which was a common complaint during preintervention phase of the study was observed in 50 to 60 percent patients in both the blocks after consuming defluoridated water. (Table 15 A & B)
- 18) Neurological examination of patients in either block did not show any significant change in their reflexes and muscle power.
- 19) Symptomatic relief in the musculo-skeletal system was evident from the fact that 16 percent patients in Aspur block and 31 percent patients in Dungarpur block showed improvement in their ability to perform the three physical tests which they were unable to perform prior to receiving any intervention. This difference was found to be statistically significant in Aspur block. (Table 17 A & B)
- 20) Symptomatic relief in different manifestations of fluorosis was observed more amongst women in comparison to men indicating a more consistent use of defluoridated water by women being at home while men remaining out throughout the day. (Table 16A & B)
- 21) Flouride estimation in spot urine samples obtained from 25 percent of the patients clinically examined before giving any intervention which showed a high urinary fluoride excretion providing a supporting evidence of people consuming a high fluoride drinking water for prolonged periods (Table 12) whereas an observable decline in the mean fluoride excretion was observed in the same

series of patients after consuming defluoridated water for a period of 3 months (Table 18) and a statistical correlation using paired "t" test for fluoride excretion in urine before and after intervention was found to be highly significant in Kherasamor, Vasundarbadi and Kankri villages of Aspur block. (Table 18 A & B)

22) Response in the symptomatic relief of different manifestations of fluorosis was found to be better in villages using Nalgonda technique of domestic defluoridation as compared to villages using Activated Alumina technique. (Table 19)

To conclude it may be opined that a policy decision on part of Government, National drinking water mission, international funding agencies to provide increase budget allocation for providing such intervention at domestic level to all the affected families, along with strengthening IEC activities, social mobilization, NGO's involvement in service delivery and training support to health care functionaries would go long way in ameliorating the suffering of people on account of this crippling and debilitating disease in the country on a whole and the state of Rajasthan in particular.

# INTRODUCTION & STUDY OBJECTIVES

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Availability of safe and potable drinking water still remains a distant dream for a significant percentage of population residing in 18 districts of Rajasthan, where main source of drinking water in rural areas is the ground water in the form of open wells, tube wells, handpumps etc., having a high fluoride content as compared to surface water sources. Certain edibles eg. tea, betel, tobacco etc. also contain sufficient amount of fluoride which is absorbed in the body through gastrointestinal tract, further aggravating the problem. It is estimated that an average adult man may ingest 1 mg fluoride daily from drinking water.<sup>1</sup>

Although fluoride is an essential element which is required for normal mineralization of bones and for the formation of dental enamel yet consumption of water containing high fluoride (in excess of 1.5 ppm) for a fairly prolonged period has been associated with various health hazards involving different organs and tissues of body and manifesting as dental, skeletal or non-skeletal fluorosis.<sup>2</sup>

Endemic fluorosis is a public health problem in India. Out of 15 states declared as endemic for fluorosis by Rajiv Gandhi National drinking water mission, Rajasthan comes under the category III where 50-100 percent districts are affected by the problem.<sup>2</sup>

Epidemiological studies carried out in the past in our state by different academicians, Government and non-governmental organizations

have also revealed that fluorosis is highly endemic in certain districts of Rajasthan.

A baseline survey conducted in few villages of district Dungarpur in the recent past has revealed a high prevalence of dental fluorosis (67.25 percent). Looking to the gravity of problem a Pilot Project was being implemented in Dungarpur district of south Rajasthan with the assistance of UNICEF Jaipur and executed by two NGO's i.e. SWACH and SARITA to conduct a health and epidemiological survey of some high fluoride villages in this part of Rajasthan and to assess effectiveness of strategies for the control of fluorosis.

The project aimed to study the prevalence of fluorosis and also to assess the effectiveness and operational feasibility of the two known techniques of domestic defluoridation in controlling the problem and mitigating the sufferings of people in the project villages.

The present study was designed with the following specific objectives:

1. To study the epidemiological profile of fluorosis in the project villages by conducting a baseline household survey.
2. To assess the magnitude of the problem in terms of prevalence of both skeletal and non-skeletal fluorosis.
3. To compare the prevalence of skeletal and non skeletal fluorosis in project and control villages.
4. To monitor the changes in the reversible symptoms of fluorosis 3 months following intervention.

# STUDY DESIGN & METHODOLOGY

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Based on the study objectives the present study is quasi-experimental in nature with a pre-post and case control design.

## SAMPLING FRAME

Four villages each from Aspur Block and Dungarpur Block adopted by NGO's SARITA and SWACH respectively for this pilot project constituted the sample of the study. These villages were known to have drinking water sources with high fluoride content i.e. more than 1.5 ppm.

Similarly for control two villages were chosen (one with fluoride content more than 1.5 ppm and other with fluoride content less than 1.5 ppm) for both the blocks. (Details of the villages is being appended in Annexure I). These control villages did not receive any intervention, while intervention in the form of domestic defluoridation was given to hundred families of each of the 8 villages in the two blocks.

## STUDY TOOLS

Following schedules were developed which were pre tested and precoded and are being appended in the Anexure II A, B & C.

1. Interview schedule for screening of all households.
2. Schedule for clinical and laboratory examination of individuals found apparently symptomatic on household survey.

3. Schedule for clinical and laboratory examination of patients following intervention.

### **DURATION AND PERIOD OF STUDY**

After finalization of study tools and giving preliminary training to animators and scouts of NGO's working in the project villages a baseline house to house survey was done in each village.

Preliminary analysis of the raw data was done before organising the preintervention diagnostic camps in each village with the assistance of NGO's to confirm the findings of household survey and to conduct clinical and laboratory examination of the persons found apparently symptomatics in household survey from 22.11.96 to 19.12.96. Persons having any symptoms from F1 to F13 as listed in the annexure II A were considered as apparently symptomatics.

A post intervention health check up of the diagnosed patients was done in all the project and control villages from 18/4/97 to 23/5/97

### **STUDY PERSONNEL**

8 -10 animators/scouts and two block coordinators belonging to project villages of the respective blocks were imparted a one day training to administer the screening schedule to the households in their villages for collecting baseline information. Two project investigators having a background of public health, epidemiology and clinical medicine carried out the clinical examination of individuals so screened on fixed days when the camps were organised in each village. Services of a laboratory technician were also mobilized for collecting and

analysing urine samples from 25 percent patients examined clinically for estimating fluoride levels during preintervention phase whereas urine samples of the same patients were obtained for the fluoride estimation in the postintervention medical camps.

### **ANALYSIS PLAN**

Data gathered from household screening and clinical laboratory examination has been analyzed using a computer software. Output is being generated regarding epidemiological characteristics and the prevalence of skeletal and non-skeletal fluorosis in the background of study objectives and frequency distribution and correlation between different variables is being worked out wherever necessary.



# STUDY RESULTS

## A. Preintervention Phase

Present epidemiological enquiry conducted in the two blocks of district Dungarpur adopted by two NGO's and assisted by UNICEF, Jaipur (Raj.) has brought out following facts in the light of a very crippling and endemic disease i.e. fluorosis in this part of Rajasthan.

Out of 552 Households surveyed for collecting baseline information in four villages of Aspur blocks with a population of 2913, 50.22 percent respondents were male and 49.77 percent females. 24.30 percent subjects were less than 10 years of age and only 10.47 percent above 50 years whereas in Dungarpur block in 549 households with population of 3073 sex distribution was found to be almost equal. Age and sex distribution of persons clinically examined is being reflected in Table 4.

No. of women in reproductive age group comprise 743 (25.5%) in Aspur block and 741 (24.11%) in Dungarpur block respectively.

Literacy status in the two blocks indicated that more than 50 percent of population in Aspur block was illiterate with a female literacy rate to the tune of 32 percent out of which only 2.13 percent women were educated above primary level. Whereas in block Dungarpur 54.76 percent population was illiterate with a female literacy rate of almost comparable to Aspur block i.e. 31 percent and less than 1 percent women were educated above primary level which reflects poor

standards of literacy among tribal women (Table 2). A study conducted by Rajasthan voluntary health association also indicates a poor female literacy in this region.<sup>3</sup>

Majority of people were engaged in farming in the two blocks whereas one-third of the population was constituted by housewives and students. (Table 3)

On preliminary screening of persons with any symptoms of fluorosis in the two blocks it was found that there were 46.96 percent symptomatics in Aspur block and one-fourth (25.19%) in Dungarpur block of the total population surveyed whereas the percentage of symptomatics in the control villages having more than 1.5 ppm of fluoride in drinking water was 34.36 and 13.22 respectively and significantly lower in another control village i.e. Sulai (0.85%) where people consumed water with fluoride levels less than 1.5 ppm. Age and Sexwise distribution of symptomatics was found to be almost equal in the two blocks. (Table 1)

Persons found to suffer from any symptoms suggestive of fluorosis during household survey were asked to report for clinical examination in the medical camps on a fixed day but out of total symptomatics only 334 (20.28%) people turned up for clinical examination in the medical camps in Aspur block and 284 (36.69%) in Dungarpur block (Fig. 1.5). Clinical examination of these persons using a study protocol revealed that more than 80 percent people suffered from symptoms of skeletal fluorosis in the two blocks giving a prevalence rate of 92.3 and 75.8 per 1000 population exposed

respectively in Aspur and Dungarpur blocks. Shiv Chandra et al (1978) have also reported prevalence of skeletal fluorosis in Chaksu Tehsil as 11.3 per thousand where fluoride in drinking water varies from 9.76 to 11.8 ppm.<sup>4</sup> Whereas the prevalence of non-skeletal fluorosis was found to be 86.2 and 96.0 per 1000 population exposed in Aspur and Dungarpur block respectively (Table 5A) showing the gravity of problem and urgency of instituting appropriate control measures. The percentage of females suffering from skeletal and non-skeletal manifestations was found to be significantly higher as compared to males in both the blocks. But this difference could be due to more females reporting for checkup in the camps while males were busy at their fields owing to the sowing season (Table 5B). Prevalence of skeletal and non-skeletal fluorosis in the two control villages (Ghata and Kolkhanda) with fluoride levels in drinking water more than 1.5 ppm was almost comparable to the figure in the Aspur and Dungarpur blocks. Whereas prevalence of skeletal and non-skeletal fluorosis was significantly low (0.56 and 0.42% respectively) in the control village Sulai and Dhani Talab having fluoride levels less than 1.5 ppm in drinking water.

To measure the association between exposure to fluoride and the occurrence of fluorosis Odd's ratio was worked out for both the blocks, which is 5.05 in Aspur block and 17.94 in Dungarpur block indicating that persons exposed to high fluoride in water have 5.05 to 17.94 times higher risk of developing fluorosis than in persons not exposed to it as in control villages.

Pain in neck and backbones was the main symptoms (72.49%) in Aspur block, 31.87 percent complained of loss of appetite and increased frequency was reported in 16 percent people with 4.46 percent persons unable to perform their routine domestic work as a result of their disability, whereas in Dungarpur block pain in joints and neck and backbones was the main symptom (69.09%) in the persons suffering from skeletal fluorosis and as a consequence of it 9.87 percent patients were unable to perform their routine domestic tasks. Study by Shiv Chandra also reported backache as the main symptom in 28.57 percent people.<sup>5</sup> Thus it is obvious that severity of the problem was more in Dungarpur, where more than 45 percent people complained of loss of appetite and gas formation and more than half of the patients complained of increased frequency in comparison to Aspur block. This could be attributed to people drinking fluoridated water for prolonged periods, since average duration of stay of people with any symptoms of fluorosis was 30.49 years in Dungarpur block in comparison to 19.23 years in Aspur block. (Table 6)

Mean duration of symptoms was found to be 12.22 months and 9.72 months in Aspur and Dungarpur blocks respectively and majority of people in both the blocks were exposed to fluoride levels in drinking water between 3.1-4.5 ppm.

The association between symptoms of pain in neck and backbones and the two physical fields tests suggestive of skeletal fluorosis in both the blocks was found to be statistically significant ( $P \leq 0.001$ ) (Table 7A & B) establishing the validity of these tests to diagnose the disease

in a field situation.

Prolonged exposure to high fluoride content in drinking water is always associated with its crippling effects in the form of various deformities. Analysis of the data of the present study shows that 17 out of 269 and 13 out of 233 patients with manifestations of skeletal fluorosis respectively in Aspur and Dungarpur block had developed kyphosis. Females were more affected in comparison to males whereas flexor deformity of knee joint and cross leg deformity was evident in 5.57 and 2.57 percent patients in Dungarpur block. Bowing of legs was also seen in patients in Dungarpur block while one patient each with paraplegia and quadriplegia was found in the same block. Study conducted by Shiv Chandra also reported kyphosis in 17.96 percent and bony exostosis in 3.46 percent patients.<sup>5</sup> Youngest age at which the deformity was seen was Kali, a 20 years old girl in village Dungrafalan (Palmandav) of Dungarpur block who had bowing of legs and Velu, a 40 year old male in the same village with kyphosis whereas in Aspur block the youngest victim was 45 year old Ratanji who had kyphosis and flexion deformity of knee joints.

Proportion of patients with these deformities was found to be on a higher side in one of the control villages (Kolkhanda) with fluoride content more than 1.5 ppm that too amongst females as compared to males. However no deformity could be seen in the other control village (Sulai) with fluoride levels less than optimum in drinking water (Table 8)

On neurological examination (including motor responses), 7.19 percent in Aspur block and 6.33 percent in Dungarpur block showed

brisk reflexes and only 4.16 percent patients in Aspur and 2.81 percent patients in Dungarpur block had muscle power less than grade IV. This could occur as a result of fluoride deposition in the vertebral canal causing signs of compression and is suggestive of an upper motor neuron lesion. In a study by Shiv Chandra, brisk reflexes were observed in 46.51 percent.<sup>5</sup>

Duration of exposure and the fluoride levels in drinking water are the two important determinants of the disease. An attempt made to correlate these two variables and the occurrence of skeletal fluorosis in the subjects examined in both the blocks in the present study has been found to be statistically highly significant ( $P < 0.001$ ). People consuming drinking water containing fluoride more than 3 ppm for more than 10 years developed the musculo-skeletal manifestations of fluorosis.

Fluoride is known to cross the placenta as well as also enter breast milk hence expectant and lactating mothers consuming high fluoride water are the most vulnerable group, since fluoride may have a deleterious effect on the developing foetus.<sup>2</sup> An attempt made to enquire about the past obstetric history of women in the reproductive age group in this study has revealed that there were 1.61 percent abortions, 1.21 percent still births, 0.27 percent congenital deformities in Aspur block whereas these figures were on a little higher side in Dungarpur block with 2.42 percent abortions and 1.21 percent still births (Table 10).

The prevalence of sterility i.e. childless couples even after 2 years of unprotected and regular intercourse was found to be 2.29

percent and 2.56 percent respectively in Aspur and Dungarpur block which is inconsistent with the national figures of 3.5 percent according to NFHS and does not bear any significance and relevance to fluoride endemic zone as is evident from the present study.

In control villages with high fluoride levels abortion rate was above 3 percent whereas no such incidence was observed in Sulai where the drinking water fluoride was less than optimum.

An attempt was also made to establish association between different manifestations suggestive of non ulcer dyspepsia with the fluoride levels in drinking water in both the blocks which showed that loss of appetite and gas formation was the commonest symptom amongst those who consumed drinking water containing fluorides in the range of 3.1-4.5 ppm in comparison to people consuming fluorides less than 3 ppm in both the blocks. although about 11 percent people consuming drinking water containing fluoride between 3.1-4.5 ppm in Dungarpur block also had similar complaints. This is of help in monitoring the effect of intervention since these symptoms are reversible following consumption of defluoridated water within a short span. (Table 11 A & B).

Although fluoride levels in drinking water is the main reason for causing the disease, the health complaints may be aggravated when fluoride enters the body through other sources. Different food items contain fluoride in different concentration and development of symptoms depends on several factors and varies from individual to individual and from one geographic area to other. Analysis of data which emerged by

obtaining a history about dietary pattern of families in the present study show that majority of people did not consume calcium and vitamin C rich diets on a regular basis which is supposed to have a combating effect on the ill effects of fluoride poisoning. Therefore there is a need for fluoride analysis of various foods consumed by the people residing in these two blocks before establishing any significant impact of diets consumed by these people on the causation of disease.

Apart from fluoride estimation of drinking water, urinary fluoride concentration provides a supportive and circumstantial evidence about the prevailing disease. The extent of excretion of fluorides in urine is determined by the level of different hormones, efficiency of kidney function, age of individual, nutritional status, climatic conditions etc. and the amount of fluoride excreted in urine is bound to be high in fluoride endemic areas.<sup>2</sup>

Although 24 hours urine collection is considered better than spot samples for fluoride estimation but in the present study this was not feasible in the field situation for various reasons hence random spot urine samples were collected from 25 percent of the patients clinically examined and analysed for pH and fluoride by ion electrode as per the method prescribed by Rajiv Gandhi National Drinking Water Mission. (Annexure III )

Laboratory findings of the urine examination indicate that the mean urinary fluoride excretion in the individuals affected was higher than the optimum levels of fluoride in drinking water (1ppm).

Fluoride levels in urine were found to be conspicuously higher in



some of the patients in village Ghata of Aspur block and Gehunwada, Palmandav and Harmatia village of Dungarpur block (Table 12) thereby providing a supportive evidence of people consuming high fluoride waters, for fairly prolonged periods and this is again of help in monitoring the impact of intervention (providing defluoridated water) when same series of subjects are being followed up and their urinary fluoride estimated again after three months of consuming the safe water.

**Table 1**

**Showing age & sexwise distribution of persons with any symptoms of fluorosis as found on household survey in the two blocks**

Age (In Years)	Aspur block			Dungarpur block		
	M	F	Total	M	F	Total
1 - 10	52 (3.80)	44 (3.21)	96 (7.01)	15 (1.93)	14 (1.80)	29 (3.74)
11 - 20	84 (6.14)	96 (7.01)	180 (13.15)	26 (3.35)	26 (3.35)	52 (6.71)
21 - 30	105 (7.67)	136 (9.94)	241 (17.61)	89 (11.49)	114 (14.72)	203 (26.22)
31 - 40	154 (11.25)	166 (12.13)	320 (23.39)	108 (13.95)	101 (13.04)	209 (27.00)
41 - 50	137 (10.01)	126 (9.21)	263 (19.22)	60 (7.75)	53 (6.84)	113 (14.59)
> 50	146 (10.67)	122 (8.91)	268 (19.59)	87 (11.24)	81 (10.46)	168 (21.70)
<b>Total</b>	<b>678</b> <b>(49.56)</b>	<b>690</b> <b>(50.43)</b>	<b>1368</b>	<b>385</b> <b>(49.74)</b>	<b>389</b> <b>(50.25)</b>	<b>774</b>

**Table 2**  
**Showing distribution of people according to literacy status**  
**in the two blocks**

Literacy status	Aspur block	Dungarpur block
Illiterate	1478 (50.74%)	1683 (54.77%)
Literate	432 (14.83%)	547 (17.80%)
Primary	756 (25.95%)	373 (12.14%)
Middle	194 (6.66%)	135 (4.39%)
Higher Secondary	41 (1.41%)	286 (9.31%)
Graduate	5 (0.71%)	4 (0.13%)
<b>Total</b>	<b>2906</b>	<b>3073</b>

**Table 3**  
**Showing distribution according to occupation of people in two blocks**

Occupation	Aspur block	Dungarpur block
Farmers	488 (16.75%)	294 (9.57%)
Labourers	166 (5.70%)	97 (3.16%)
Business	134 (4.60%)	41 (1.33%)
Service	332 (11.39%)	132 (4.29%)
Housewives	314 (10.78%)	469 (15.26%)
Student	622 (21.35%)	526 (17.12%)
Others	146 (5.01%)	228 (7.42%)
<b>Total</b>	<b>2202</b>	<b>1787</b>

**Table 4**  
**SHOWING AGE AND SEX DISTRIBUTION OF PERSONS**  
**CLINICALLY EXAMINED IN TWO BLOCKS**

Age (In Years)	Aspur block			Dungarpur block		
	M	F	Total	M	F	Total
1-10	3 (0.98)	1 (6.33)	4 (1.31)	1 (0.37)	3 (1.11)	4 (1.48)
11-20	6 (1.97)	9 (2.96)	15 (4.93)	4 (1.48)	7 (2.58)	11 (4.06)
21-30	9 (2.96)	32 (10.53)	41 (13.48)	23 (8.49)	46 (13.28)	69 (25.46)
31-40	34 (14.47)	44 (25.66)	78 (8.49)	23 (19.56)	53 (28.04)	76 (11.18)
41-50	30 (9.87)	42 (13.81)	72 (23.68)	21 (7.75)	23 (8.49)	44 (16.24)
>50	48 (15.79)	46 (15.13)	94 (30.92)	36 (13.28)	31 (11.44)	67 (24.72)
<b>Total</b>	<b>130</b>	<b>174</b>	<b>304</b>	<b>108</b>	<b>163</b>	<b>271</b>

**Table 5A**  
**Showing sexwise prevalence of skeletal and non-skeletal fluorosis in the two blocks**

Block	Skeleton			Non-skeleton		
	M	F	Total	M	F	Total
Aspur	7.79%	10.68%	9.23%	7.58%	9.65%	8.62%
Dungarpur	5.53%	9.62%	7.58%	6.11%	13.07%	9.60%

**Table 5B**  
**Sexwise distribution of respondents according to different manifestations of fluorosis as ascertained on clinical examination in the two blocks**

Manifestations	Aspur block (n=334)			Dungarpur block (n=284)		
	M	F	Total	M	F	Total
GIT	73	106	179 (53.59)	56	131	187 (65.84)
Musculoskeletal	114	155	269 (80.54)	85	148	233 (82.04)
Neurological	37	31	68 (20.36)	36	68	104 (36.62)
Urinary tract	1	2	3 (0.90)	-	2	2 (0.70)
Allergic	-	1	1 (0.30)	2	-	2 (0.70)

**Table 5B (i)**  
**Showing Age and Sexwise distribution of patients with different manifestations of fluorosis in Dungarpur Block (n=284)**

Manifestations	20-30 yrs		31-40 yrs		41-50 yrs		51-60 yrs		>60 yrs	
	M	F	M	F	M	F	M	F	M	F
Gastrointestinal	11 (3.87)	35 (12.32)	11 (3.87)	40 (14.09)	9 (3.16)	20 (7.04)	11 (3.87)	13 (4.57)	7 (2.46)	12 (4.22)
Musculoskeletal	15 (5.28)	40 (14.08)	20 (7.04)	45 (15.84)	15 (5.28)	22 (7.74)	15 (5.28)	15 (5.28)	15 (5.28)	13 (4.57)
Neurological	8 (2.81)	15 (5.28)	6 (2.11)	26 (9.15)	7 (2.46)	9 (3.16)	2 (0.70)	8 (2.81)	9 (3.16)	5 (1.76)
Urinary tract sym.	-	-	-	1 (0.35)	-	-	1 (0.35)	-	1 (0.35)	-
Allergic	-	-	-	-	-	1 (0.35)	-	-	-	-

Fig. in parenthesis show percentage

**Table 5B (ii)**  
**Showing Age and Sexwise distribution of patients with different manifestations of fluorosis in Aspur Block (n= 334)**

Manifestations	20-30 yrs		31-40 yrs		41-50 yrs		51-60 yrs		>60 yrs	
	M	F	M	F	M	F	M	F	M	F
Gastrointestinal	5 (1.49)	15 (4.49)	16 (4.79)	24 (7.18)	13 (3.89)	27 (8.08)	17 (5.08)	19 (5.60)	8 (2.39)	11 (3.29)
Musculoskeletal	6 (1.79)	27 (8.08)	25 (7.48)	38 (11.37)	27 (8.08)	34 (10.17)	24 (7.18)	28 (8.38)	16 (4.79)	11 (3.29)
Neurological	3 (0.89)	6 (1.79)	9 (2.69)	5 (1.49)	8 (2.39)	7 (2.09)	6 (1.79)	6 (1.79)	3 (0.89)	4 (1.19)
Urinary tract sym.	-	1 (0.29)	-	1 (0.29)	-	-	-	-	-	-
Allergic	-	-	-	1 (0.29)	-	-	-	-	-	-

Fig. in parenthesis show percentage

**Table 6**  
**Distribution of patients with different symptoms suggestive of skeletal and non-skeletal fluorosis in the two blocks of district Dungarpur**

	Aspur block		Dungarpur block	
	No.	%	No.	%
<b><i>SKELETAL</i></b>				
Pain in lower limb	90	33.46	118	50.64
Pain in joint	168	62.45	161	69.09
Pain in neck & back	195	72.49	161	69.09
Inability to perform routine tasks	12	4.46	23	9.87
<b><i>NON SKELETAL</i></b>				
Loss of appetite	80	31.87	98	45.79
Nausea	4	1.59	5	2.34
Pain abdomen	53	21.11	89	41.59
Constipation	32	12.75	46	21.49
Gas formation	42	16.73	101	47.19
Nervousness	8	3.19	4	6.54
Depression	2	0.80	11	5.14
Tingling	6	2.39	23	10.75
Increased thirst	19	7.57	42	19.63
Increased frequency	40	15.94	51	23.83
Itching	3	1.19	2	0.93
Painful skin rashes	1	0.40	2	0.93

**Table 7A**  
**Showing correlation between pain in neck and backbones and the two physical tests suggestive of skeletal fluorosis in Aspur block**

Physical Test	Pain in neck and backbones (n=195)	
	Positive	Negative
1. Touching chin to chest	90(46.15%)	108 (55.38%)
2. Touching feet without folding knees	156 (80%)	42 (21.53%)
3. Touching chin and feet	78 (40%)	30 (15.38%)
$\chi^2 = 47.85; df = 2; P < 0.001$		

**Table 7B**  
**Showing correlation between pain in neck and backbones and the two physical tests suggestive of skeletal fluorosis in Dungarpur block**

Physical Test	Pain in neck and backbones (n=161)	
	Positive	Negative
1. Touching chin to chest	56 (34.78%)	104 (64.59%)
2. Touching feet without folding knees	115 (71.42%)	46 (28.57%)
3. Touching chin and feet	43 (26.70%)	33 (20.49%)
$\chi^2 = 42.87; df = 2; P < 0.001$		



**Table 8**  
**Sexwise distribution of patients found with any deformity**  
**in two blocks**

Deformity	Aspur block			Dungarpur block		
	M	F	T	M	F	T
Kyphosis	10	7	17(6.31)	6	7	13(5.57)
Scoliosis	-	-	-	1	-	1(0.42)
Flexor deformity of knee joint	3	2	5(1.85)	3	10	13(5.57)
Paraplegia	-	-	-	1	-	1(0.42)
Quadriplegia	-	-	-	1	-	1(0.42)
Cross leg deformity	-	-	-	-	6	6(2.57)
Exostosis	1	-	1(0.37)	3	2	5(2.14)
Bowing of legs	1	-	1(0.37)	-	5	5(2.14)

**Table 9 A**  
**Showing correlation of MSS manifestation and duration of stay of**  
**people in village at different fluoride levels in drinking water**  
**in Aspur block.**

Fluoride levels in drinking water (ppm)	Duration of stay (in years)			
	1- 5	6-10	11-15	>15
1.5-3.0	0	0	0	9
3.1-4.5	1	0	0	169
4.6-6.0	0	0	52	0
$X^2=231; df=6; P<0.001$				

**Table 9 B**  
**Showing correlation of MSS manifestation and duration of stay of**  
**people in village at different fluoride levels in drinking water in**  
**Dungarpur block.**

Fluoride levels in drinking water (ppm)	Duration of stay (in years)			
	1- 5	6-10	11-15	>15
1.5-3.0	4	1	0	64
3.1-4.5	8	0	0	102
4.6-6.0	4	0	60	0
$X^2=229.88; df=6; P<0.001$				

**Table 10**  
**Showing obstetrical history during preceding two years in the two**  
**blocks of district Dungarpur**

Obstetrical History	Aspur block (n=743)		Dungarpur block (n=741)	
	No	%	No	%
Abortions	12	(1.61)	18	(2.42)
Still births	9	(1.21)	9	(1.21)
Congenital deformities	2	(0.27)	1	(0.13)
Sterility	17	(2.29)	19	(2.56)

**Table 11 A**  
**Showing distribution of GIT manifestations/symptoms at different**  
**fluoride levels in drinking water in Aspur block**

Symptoms	Fluoride level in drinking water			
	1.5-3.0 (ppm)	3.1-4.5 (ppm)	4.6-6.0 (ppm)	Total
Loss of appetite	5	45	15	65
Nausea	1	2	-	3
Pain abdomen	1	37	13	51
Constipation	3	40	10	53
Gas formation	5	66	19	90
<b>Total</b>	<b>15</b>	<b>190</b>	<b>57</b>	<b>262</b>

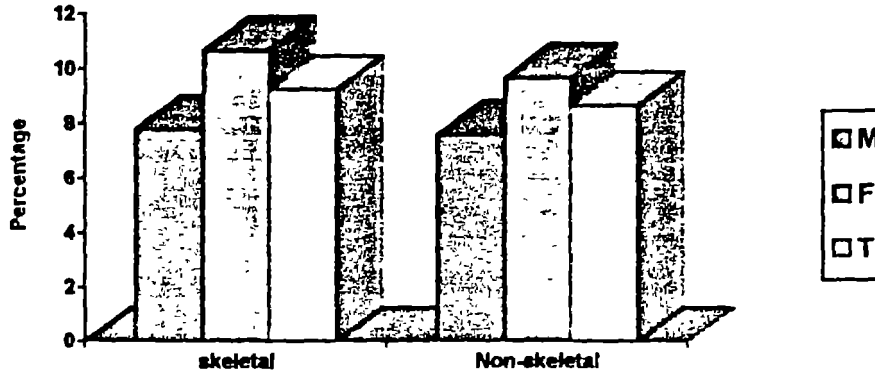
**Table 11 B**  
**Showing distribution of GIT manifestations/symptoms at different fluoride levels in drinking water in Dungarpur block**

Symptoms	Fluoride level in drinking water			
	1.5-3.0 (ppm)	3.1-4.5 (ppm)	4.6-6.0 (ppm)	Total
Loss of appetite	31	33	19	83
Nausea	1	2	1	4
Pain abdomen	13	12	15	40
Constipation	12	21	8	41
Gas formation	30	37	20	87
<b>Total</b>	<b>87</b>	<b>105</b>	<b>63</b>	<b>255</b>

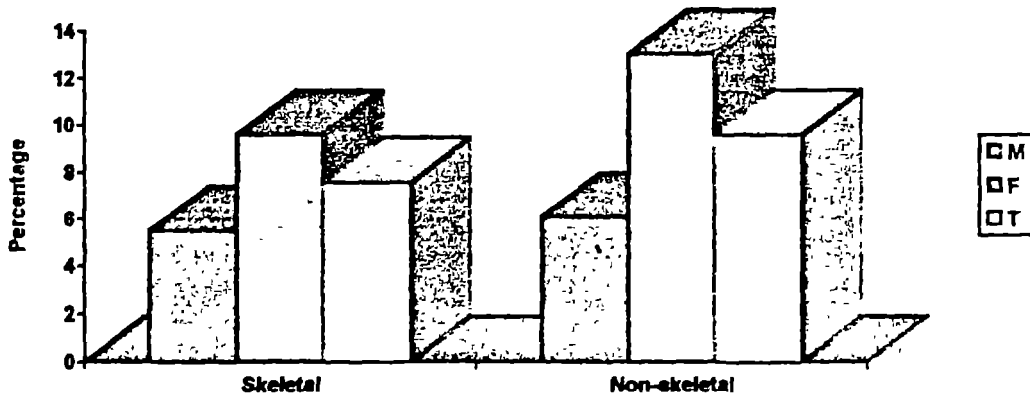
**Table 12**  
**Showing a profile of fluoride levels in drinking water and urine of all villages in the two blocks**

Name of village	Average F-level (ppm) in drinking water	No. of urine samples (n)	Fluoride levels in urine samples		
			Urinary F-Range(ppm)	Mean $\pm$ SD	pH range
<b>Aspur block</b>					
Kherasamor	3.70	20	0.25-2.2	1.07 $\pm$ 0.57	5.0-7.5
Vasundarbad	3.66	30	0.43-2.56	1.26 $\pm$ 0.56	5.0-7.5
Raina	3.79	19	0.18-2.53	1.17 $\pm$ 0.70	5.0-7.5
kankri	4.46	22	0.61-3.11	1.60 $\pm$ 0.81	5.0-7.5
Ghata (control)	-	14	1.30-5.45	2.36 $\pm$ 1.02	5.0-7.5
<b>Dungarpur block</b>					
Gehunwada	3.55	24	1.30-9.94	2.03 $\pm$ 1.94	5.0-7.0
Samota	4.13	8	0.35-3.13	1.56 $\pm$ 1.08	5.0-7.5
Palmandav	2.53	13	0.64-6.04	2.42 $\pm$ 1.65	5.0-7.5
Harmatia	4.15	5	0.80-5.55	3.10 $\pm$ 1.85	5.0-6.0
Kolkhanda	4.86	5	0.77-2.49	2.04 $\pm$ 0.72	6.0-6.5
Sulai	0.41	2	0.30-0.95	0.62 $\pm$ 0.45	6.0

**Fig. 1.1 Showing sexwise prevalence of skeletal and non-skeletal fluorosis in Aspur block**



**Fig. 1.2 Showing sexwise prevalence of skeletal and Non-skeletal fluorosis in Dungarpur block**



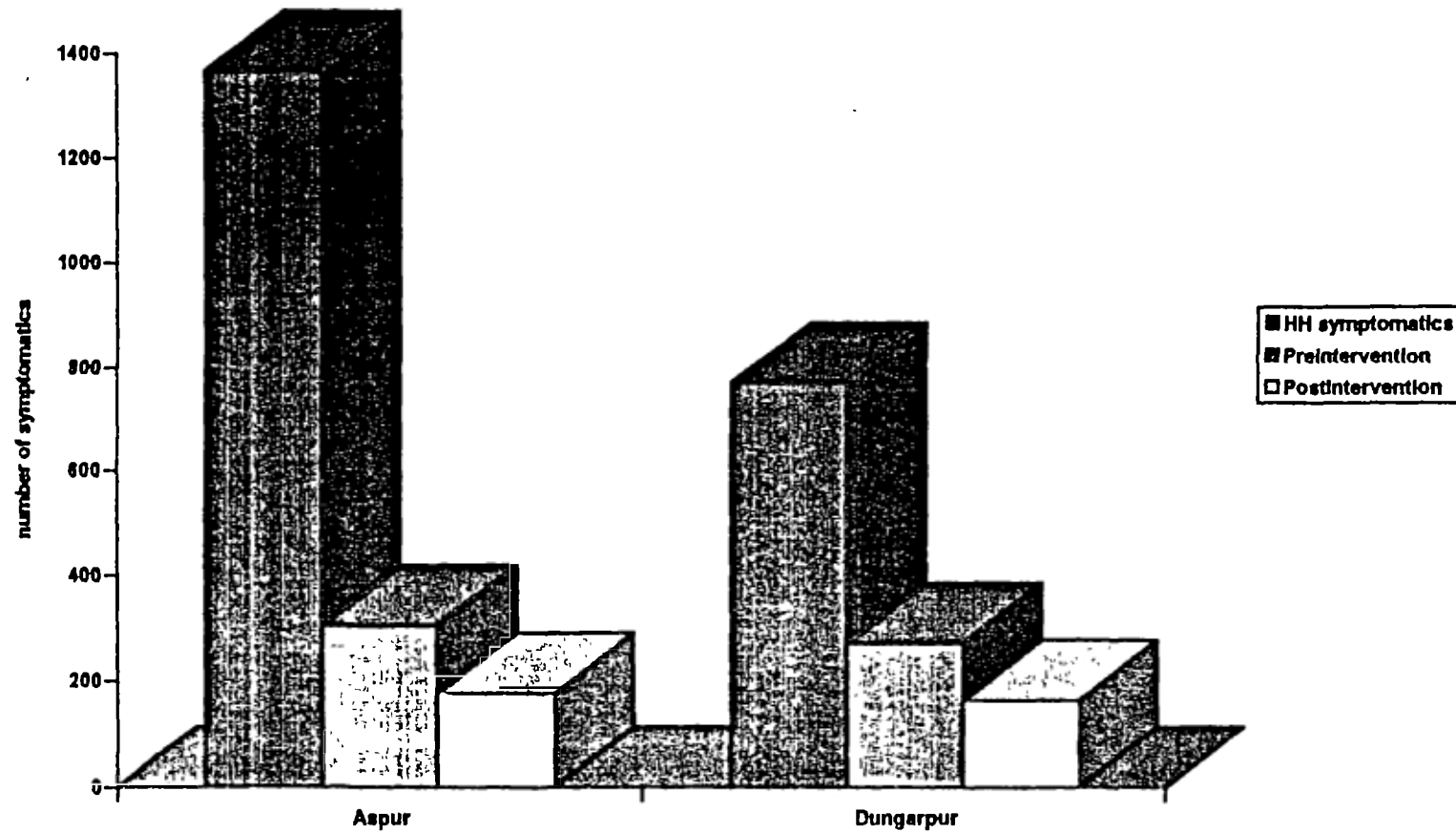
**Fig. 1.3 Showing distribution of patients according to different manifestations of fluorosis in Aspur block**



**Fig. 1.4 Showing distribution of patients according to different manifestations of fluorosis in Dungarpur block**



**Fig. 1.5 Showing no. of symptomatics detected on HH survey and later reported for clinical examination during preintervention and postintervention medical camps**



## B. Post-intervention Phase

Following a base line household and clinical health survey conducted in all the project and control villages of the district Dungarpur, hundred families in each of the project village were given intervention in the form of filters for domestic defluoridation of drinking water by the respective NGO's with the financial assistance from UNICEF. Villages Vasundar Badi, Kherasamor, Harmatia and Palmandav were given the water tanks using Nalgonda techniques (using alum+lime and developed by NEERI) while Villages Raina, Kankri, Gehunwada and Samota were distributed with the filters using Activated Alumina.

All the symptomatics diagnosed during preintervention phase were asked to report for the health check up three months after consumption of defluoridated water to monitor the impact of the intervention.

A post intervention schedule for clinical and laboratory examination using the same indices and parameters was developed (Annexure II C) and a three point scale on each of the symptoms of fluorosis to show the extent of relief in these symptoms was used where score "1" meant no relief, "2" if partial relief and "3" for complete relief.

Out of 334 patients in Aspur block, only 176 and out of 284 patients in Dungarpur block, only 162 patients turned up for post-intervention health check up in the medical camps organised in each of the villages from 18-4-97 to 23-5-97.



A computer software was used to analyze the data so collected.

Analysis of the data show that more than 50 percent patients had complete relief and 20-30 percent partial relief in the symptoms of gastrointestinal tract viz. loss of appetite, constipation and gas formation following consumption of defluoridated water, whereas no relief was observed in 20 percent of the patients interrogated in villages of block Aspur.

Although overall relief observed in the patients in the Dungarpur block was little less where 46 percent patients had complete and 24 percent patients partial relief in their symptoms. But the difference was not found to be statistically significant (Table 13 A&B).

It was interesting to note that many patients who did not complain of loss of appetite, constipation etc. during preintervention medical camps also had a feeling of increased appetite and regular bowel movement following consumption of defluoridated water. While in control village Kolkhanda, four patients gave history of spontaneous complete relief in their symptom of gas formation but no patient showed any relief in these symptoms in the village Ghata.

With the availability and regular consumption of defluoridated water, patients felt better as far as their symptoms of musculoskeletal system is concerned because more than 50 percent patients in the two blocks gave history of partial relief in pain in the limbs, joints and back bone and they are able to pursue their daily chores which they were unable to perform before they had access to safe water. Although only a meagre percentage of patients (10-15%) had complete relief in their

symptoms. This could be because three months period to expect any reversal of musculoskeletal symptoms which are generally irreversible is too short hence, long term studies are needed to confirm these findings

But 60 percent in Aspur block and 84 percent in Dungarpur block were still not able to perform their routine domestic work and needed assistance in some or other ways. These were the patients who were almost bed ridden when they were examined before giving any intervention (Table 14 A & B). Whereas only 2 patients in village Kolkhanda had spontaneous complete relief and 2 patients in village Ghata had partial relief in their symptoms.

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A detailed history about the symptoms suggestive of nervous system involvement on same series of patients after giving the intervention showed that about 50-60 percent patients in Aspur and Dungarpur blocks had partial to complete relief in their symptom of increased frequency of urination which was a common complaint by the people in the both the blocks during the preintervention phase of the study (Table 15 A&B).

Though patients not relieved of this symptom need to be investigated further for other causes of increased frequency as many of such patients were in the age group of benign hyperplasia prostrate which could be an important cause for this complaint.

Although neurological examination of patients in either block did not show any significant change in the reflexes and their muscle power.

On the contrary, control village Kolkhanda having more than

optimum fluoride in drinking water showed no relief in these symptoms whereas village Ghata only one patient had spontaneous partial relief in the symptom of increased frequency.

Age and sexwise distribution of patients showing symptomatic relief in different manifestations of fluorosis in both the blocks show that such a relief was more amongst women than in men probably because of women staying at home and consuming the defluoridated water more in comparison to men remaining out at job throughout the day. This difference was more evident in Dungarpur block as compared to Aspur block where patients in the age group 21 to 40 yrs. had the maximum relief. (Table 16A & B)

Symptomatic relief in the symptoms of musculoskeletal system with the decrease in muscular rigidity and pain was evident from the fact that 16 percent patients in Aspur block and 31 percent patients in Dungarpur block showed improvement in their ability to perform the three physical tests which they were unable to perform prior to receiving any intervention. This difference was found to be statistically significant ( $P < 0.05$ ) in Aspur block but not in Dungarpur block though one-third patients in Dungarpur block were able to touch their chin to chest and touch feet without folding knees which they were unable to do before (Table 17 A&B).

An attempt made to establish statistical correlation using paired 't' test for fluoride excretion in urine before and after intervention in the same series of subjects indicates that with the access to drinking water devoid of fluoride, amount of fluoride excreted from body in

urine also decreases. Such a correlation was found to be statistically significant in Kherasamor, Vasundar Badi and Kankri villages of Aspur block which can be attributed to constant and consistent use of defluoridated water by the people of these villages whether at home or in the fields. Whereas no such statistical significance could be observed in Dungarpur block (Table 18 A&B). This can again be explained by the fact that people even after consuming defluoridated water or even after leaving the fluoride endemic zone may continue to excrete fluoride in urine for fairly prolonged periods.<sup>2</sup>

A study conducted by Gupta et al (1994) also confirmed a significant decrease in urinary excretion of fluoride following intervention.<sup>6</sup>

Two different techniques of domestic defluoridation were employed in the project villages to see their effectiveness in combating the ill effects of fluorosis.

An attempt made to find any difference in their effectiveness in providing relief (Partial or Complete) in different manifestations of fluorosis revealed that probably because of easy manoeuvrability, better compliance and higher capacity of water tank i.e. not requiring frequent refill and mixing of chemicals, easy operationability (even children in the household could measure and mix the chemicals as was observed in many households), response in villages using Nalgonda technique was better than in the villages using Activated Alumina technique. Although the difference was not found to be statistically significant (Table 19).

**Table 13A**  
**Distribution of patients showing symptomatic relief in**  
**Gastrointestinal tract symptoms following intervention in**  
**Aspur block of District Dungarpur (n=176)**

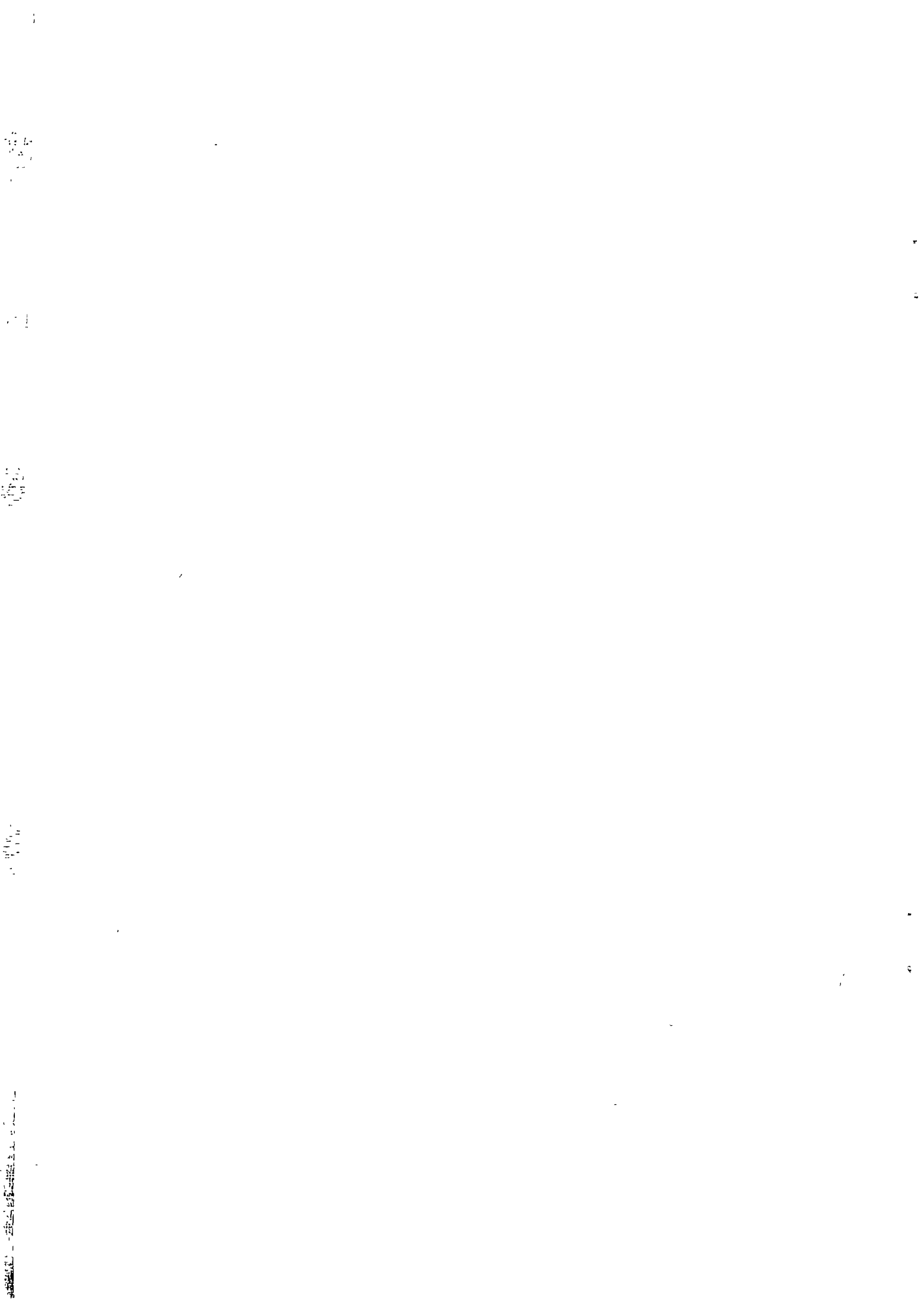
Symptoms	Preintervention	Post intervention		
	No. of patients with symptoms	No relief	Partial relief	Complete relief
Loss of appetite	41	8(19.51)	9 (24.95)	24(58.53)
Nausea	5	3(60.00)	1 (20.00)	1(20.00)
Pain abdomen	47	10(21.27)	16(34.04)	21(44.68)
Constipation	33	7(21.21)	7(21.21)	19(57.57)
Gas formation	60	10(16.66)	19(31.66)	31(51.66)
Total	186	38(20.43)	52(27.95)	96(51.61)

Figure in parenthesis indicate percentages

**Table 13 B**  
**Distribution of patients showing symptomatic relief in**  
**gastrointestinal tract symptoms following intervention in**  
**Dungarpur block of District Dungarpur (n=162)**

Symptoms	Preintervention	Post intervention		
	No. of patients with symptoms	No relief	Partial relief	Complete relief
Loss of appetite	56	17(30.35)	18(32.14)	21(37.50)
Nausea	7	2(28.57)	2(28.57)	3(42.85)
Pain abdomen	55	16(29.09)	13(26.63)	26(47.27)
Constipation	24	10(41.66)	4(16.66)	10(41.66)
Gas formation	61	14(22.95)	12(19.67)	35(57.37)
Total	203	59(29.06)	49(24.13)	95(46.79)

Figure in parenthesis indicate percentages



**Table 14 A**

**Distribution of patients showing symptomatic relief in the symptoms of musculoskeletal system following intervention in Aspur block of District Dungarpur (n=176)**

Symptoms	Preintervention	Post intervention		
	No. of patients with symptoms	No relief	Partial relief	Complete relief
Pain in lower limbs	52	19(36.53)	28(53.84)	5(9.61)
Pain in joints	103	28(27.18)	64(62.13)	11(10.67)
Pain in neck and back bones	103	35(33.98)	57(55.33)	11(10.67)
Inability to perform routine domestic work	11	7(63.63)	4(36.36)	-
Total	269	89(33.08)	153(56.87)	27(10.03)

Figure in parenthesis indicate percentages

**Table 14 B**

**Distribution of patients showing symptomatic relief in the symptoms of musculoskeletal system following intervention in Dungarpur block of District Dungarpur (n=162)**

Symptoms	Preintervention	Post intervention		
	No. of patients with symptoms	No relief	Partial relief	Complete relief
Pain in lower limbs	76	20(26.31)	43(56.57)	13(17.10)
Pain in joints	99	26(26.26)	55(55.55)	18(18.18)
Pain in neck and back bones	97	35(36.08)	50(51.54)	12(12.37)
Inability to perform routine domestic work	13	11(84.61)	2(15.38)	-
Total	285	92(32.28)	150(52.63)	43(15.08)

Figure in parenthesis indicate percentages

**Table 15 A**  
**Distribution of patients showing symptomatic relief in Neurological symptoms**  
**following intervention in Aspur block of District Dungarpur (n = 176)**

Symptoms	Preintervention	Post intervention		
	No. of patients with symptoms	No relief	Partial relief	Complete relief
Nervousness	3	1(33.33)	2(66.66)	–
Depression	1	1(100.00)	–	–
Tingling sensations in finger and toes	3	2(66.66)	–	1(33.33)
Excessive thirst	11	8(72.72)	1(9.09)	2(18.18)
Increased frequency of urination	27	13(48.14)	9(33.33)	5(18.51)
Total	45	25(55.55)	12(26.66)	8(17.77)

Figure in parenthesis indicate percentages

**Table 15 B**  
**Distribution of patients showing symptomatic relief in Neurological symptoms**  
**following intervention in Dungarpur block of District Dungarpur(n = 162)**

Symptoms	Preintervention	Post intervention		
	No. of patients with symptoms	No relief	Partial relief	Complete relief
Nervousness	7	5(71.42)	1(14.28)	1(14.28)
Depression	8	4(50.00)	2(25.00)	2(25.00)
Tingling sensations in finger and toes	16	9(56.25)	5(31.25)	2(12.50)
Excessive thirst	20	7(35.00)	3(15.00)	10(50.00)
Increased frequency of urination	30	10(33.33)	10(33.33)	10(33.33)
Total	81	35(43.20)	21(25.92)	25(30.86)

Figure in parenthesis indicate percentages



**Table 16 A**  
**Age & Sexwise distribution of patients according to symptomatic relief in different manifestations of fluorosis following intervention in the Aspur block of district Durgapur**

Age & Sex		Manifestations				
		GIT	MSS	Neuro	UTS	Allergic
1 - 10	M	3(1.70)	2(1.13)	-	-	-
	F	-	-	-	-	-
11 - 20	M	2(1.13)	2(1.13)	1(0.56)	-	-
	F	-	2(1.13)	-	-	-
21 - 30	M	3(1.70)	5(2.84)	2(1.13)	-	-
	F	9(5.11)	13(7.38)	3(1.70)	-	-
31 - 40	M	8(4.54)	12(6.81)	1(0.56)	-	-
	F	16(9.09)	20(11.36)	2(1.13)	-	-
41 - 50	M	4(2.27)	9(5.11)	1(0.56)	-	-
	F	17(9.65)	16(9.09)	2(1.13)	-	-
>50	M	14(7.95)	14(7.95)	1(0.56)	-	-
	F	16(9.09)	12(6.81)	4(2.27)	-	-

Figure in parenthesis indicate percentages

Table 16 A

Age & Sexwise distribution of patients according to symptomatic relief in different manifestations of fluorosis following intervention in the Dungarpur block of district Dungarpur

Age & Sex		Manifestations				
		GIT	MSS	Neuro	UTS	Allergic
1 - 10	M	-	-	-	-	-
	F	-	-	1(0.61)	-	-
11 - 20	M	-	-	-	-	-
	F	2(1.23)	2(1.23)	-	-	-
21 - 30	M	5(3.08)	4(2.46)	1(0.61)	-	-
	F	15(9.25)	18(11.11)	3(1.85)	-	-
31 - 40	M	5(2.08)	10(6.17)	1(0.61)	-	-
	F	25(15.43)	31(19.13)	13(8.02)	-	-
41 - 50	M	5(3.08)	3(1.85)	2(1.23)	-	-
	F	11(6.79)	9(5.55)	4(2.46)	-	-
>50	M	6(3.70)	13(8.02)	8(4.93)	-	-
	F	16(9.87)	15(9.25)	8(4.93)	-	-

Figure in parenthesis indicate percentages

**Table 17 A**

**Showing distribution of patients according to any improvement in their ability to perform the three physical tests following intervention in Aspur block of District Dungarpur (n=176)**

Physical tests	Pre-intervention		Post intervention	
	Unable to perform		Able to perform test	
	No.	%	No.	%
Touching chin to chest	93	52.84	10	10.75
Touching feet without folding knees	37	21.02	11	29.73
Touching hands behind neck	8	4.65	2	25.00
Total	138	78.41	23	16.66

**Table 17 B**

**Showing distribution of patients according to any improvement in their ability to perform the three physical tests following intervention in Dungarpur block of District Dungarpur (n=162)**

Physical tests	Pre-intervention		Post intervention	
	Unable to perform		Able to perform test	
	No.	%	No.	%
Touching chin to chest	99	61.11	33	33.33
Touching feet without folding knees	36	22.22	12	33.33
Touching hands behind neck	15	9.26	2	13.33
Total	150	92.59	47	31.33

**Table 18**

**Showing post intervention profile of fluoride levels in drinking water and urine among patients already examined during preintervention phase of all villages in the two blocks**

Name of village	Average F-level (ppm) in drinking water	No. of urine samples (n)	Fluoride levels in urine samples		
			Urinary F-Range(ppm)	Mean $\pm$ SD	pH range
<b>Aspur block</b>					
Kherasamor	<1.5	15	0.03-0.96	0.27 $\pm$ 0.23	6.8-7.2
Vasundarbad	<1.5	16	0.24-1.82	0.63 $\pm$ 0.45	6.8-7.2
Raina	<1.5	7	0.62-1.56	1.10 $\pm$ 0.39	6.8-7.2
kankri	<1.5	8	0.08-1.12	0.56 $\pm$ 0.40	6.8-7.2
Ghata (control)	>1.5	8	1.00-3.11	1.78 $\pm$ 0.66	5.0-7.5
Dhanu Talab(control)	<1.5	2	0.65	-	6.0
<b>Dungarpur block</b>					
Gehunwada	<1.5	13	0.15-2.05	1.03 $\pm$ 0.69	6.8-7.2
Samota	<1.5	4	1.12-2.68	1.38 $\pm$ 0.22	6.8-7.2
Palmandav	<1.5	3	0.72-3.12	1.62 $\pm$ 1.20	6.8-7.2
Harmatia	<1.5	3	1.12-2.68	1.95 $\pm$ 0.78	6.8-7.2
Kolkhanda	Control	4	1.24-2.24	1.77 $\pm$ 0.41	6.0-6.5
Sulai		1	0.65	-	6.0

**Table 18 A**

**Showing statistical correlation (paired 't' test) between fluoride excretion in urine before and after intervention in Aspur block of district Dungarpur**

Villages	Mean $\pm$ SD	S.E.	't'	P
Kherasamor	0.80 $\pm$ 0.48	0.12	6.66	<0.001
Vasundar Badi	0.70 $\pm$ 0.47	0.117	5.98	<0.001
Raina	0.014 $\pm$ 0.22	0.08	0.175	>0.05
Kankri	1.27 $\pm$ 0.64	0.24	5.29	<0.01

**Table 18 B**  
**Showing statistical correlation (paired 't' test) between fluoride excretion in urine before and after intervention in Dungarpur block of district Dungarpur**

Villages	Mean±SD	S.E.	't'	P
Gehunwada	0.51±0.94	0.26	1.96	>0.05
Samota	0.20±0.73	0.42	0.47	>0.05
Harmatia	1.50±1.17	0.67	2.23	>0.05
Palmandav	1.50±1.23	0.71	2.11	>0.05

**Table 19**  
**Showing symptomatic relief in different manifestations of fluorosis among villages using two different techniques of domestic defluoridation in the two blocks of district Dungarpur**

Manifestations	Symptomatics relieved in villages using Activated Alumina technique (n=169)		Symptomatics relieved villages using Nalgonda technique (n=166)	
	No.	%	No.	%
Gastrointestinal	72	42.60	88	53.01
Musculoskeletal	86	50.88	93	56.02
Neurological	25	14.79	21	12.65
Urinary tract	-	-	-	-
Allergic	-	-	-	-

## RECOMMENDATIONS

1. Strengthening of IEC activities and regular monitoring by an independent agency to ensure constant supply of chemicals, recharging of Activated Alumina filters and consistent use of defluoridated water for drinking and cooking purpose is must for the sustainability of the project.
2. Long term studies are needed to confirm and ensure the impact of intervention on musculoskeletal and neurological systems. Hence another post-intervention health check up of the people in project villages one year after initiation of intervention is recommended.
3. Improvement in the diets of people by promoting kitchen gardening of calcium and vitamin C rich vegetables/fruits wherever possible.
4. Domestic defluoridation should also be supplemented with oral calcium and vitamin C, distributed free by Government owned peripheral health institutions in fluoride endemic areas.
5. Looking to the crippling and debilitating effects of fluorosis fluoride mining should be absolutely banned and persons working on such mines and their families be heavily insured.
6. Looking to the easy operationability, better compliance and good capacity of the water tanks provided Nalgonda technique should be promoted more in contrast to Activated Alumina

technique requiring frequent recharging of the filters necessitating the services of a skilled person.

7. Safe disposal of filter sediments should be ensured.
8. Remaining families in the project villages and adjoining villages of this fluoride endemic region not covered in this study should also be included and provided the necessary means/support for domestic defluoridation at reasonable cost at Government subsidy.
9. Alternate sources of safe water should be identified or water from canals passing near the fluoride affected villages should be supplied for drinking purposes wherever possible.
10. Clinicians working in the fluoride endemic zones should be oriented for diagnosis of skeletal fluorosis in the early stages so as to institute appropriate remedial measures.

## REFERENCES

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4. Shiv Chandra et al. The Rajasthan Medical Journal vol. XVII No. 4, 1978.
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# ANNEXURE I

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## ASPUR BLOCK

1. Kherasamor
2. Vasundarbadi
3. Raina
4. Kankri
5. Ghata {Control (high fluoride)}
6. Dhani Talab {Control (low fluoride)}

## DUNGARPUR BLOCK

1. Gehunwada
2. Samota
3. Palmandav
4. Harmatiya
5. Kolkhanda {Control (high fluoride)}
6. Sulai {Control (low fluoride)}

**प्रपत्र संख्या (1) (Annexure II A)**  
**प्लोरोसिस के प्रभाव के सम्बन्ध में जानकारी हेतु प्रश्नावली**

गांव का नाम ..... तहसील ..... जिला ..... घर का न० ..... मुखिया का नाम .....

पानी का स्रोत ..... प्लोराइड की मात्रा ..... परिवार की वार्षिक आय ..... (सभी स्रोतों से)

पारिवारिक व्यौरा :

क्र०सं०	नाम	उम्र	लिंग (A)	विवाहित या अविवाहित (B)	शिक्षा का स्तर (C)	व्यवसाय (D)	प्लोरोसिस के लक्षण (F)	यदि हा तो अवधि (माह में)	व्यक्ति के गाव में रहने की अवधि (वर्षों में)

अ) आहार सम्बन्धी जानकारी - (E)

मुख्य आहार — (E1)  
मक्की/ गेहूं / चावल  
(E1m) (E1g) (E1c)

दूध, दही, छाछ — (E2)  
प्रतिदिन/ कभी कभी/ कभी नहीं  
(E2d) (E2k) (E2n)

हरी सब्जी व फल — (E3)  
प्रतिदिन/ कभी कभी/ कभी नहीं  
(E3d) (E3k) (E3n)

आ) बीमारी में उपचार के स्रोत - (G)

पी०एच०सी०/ प्रसाविका/ प्राइवेट चिकित्सक/ देसी इलाज  
(G1) (G2) (G3) (G4)

इ) प्रसव सम्बन्धी जानकारी - (H)

बच्चा अधूरा गिरा/ पैदा होते ही मर गया/ टेढा मेढा बच्चा हुआ/ यदि हां तो सख्या —  
(H1) (H2) (H3)

लिंग -(A)

पुं (A1)/ स्त्री (A2)

विवाहित या अविवाहित — (B)

हाँ (B1)/ नहीं (B2)

शिक्षा का स्तर — (C)

निरक्षर/ साक्षर/ प्राथमिक/ माध्यमिक/ उच्च माध्यमिक  
(C1) (C2) (C3) (C4) (C5)

व्यवसाय — (D)

खेती/ खेतीहर मजदूर/ घन्घा/ नौकरी/ गृहिणी/ विद्यार्थी/ अन्य  
(D1) (D2) (D3) (D4) (D5) (D6) (D7)

फ्लोरोसिस के लक्षण — (F)

- १) भूख कम लगना (F1)
- २) पेट में दर्द (F2)
- ३) गोला गैस बनना (F3)
- ४) कब्ज (F4)
- ५) जोड़ों में दर्द (F5)
- ६) गर्दन का लचीलापन कम होना (F6)
- ७) हाथ पांव टेढ़े हो जाना (F7)
- ८) शारीरिक कमजोरी (अधिक या थकान) (F8)
- ९) वास्तविक उम्र के अनुपात में वृद्धावस्था का अहसास (F9)
- १०) अत्यधिक प्यास लगना (F10)
- ११) बार बार पेशाब आना (F11)
- १२) हाथ पांव में सुइयां चुभना (F12)
- १३) शरीर पर दर्द वाली पित्ती हो जाना (F13)

पानी का स्रोत — (P)

कुआँ/ तालाब/ हेण्ड पम्प  
(P1) (P2) (P3)

## ANNEXURE- II B

Schedule for clinical / laboratory Examination for the prevalence of fluorosis in distt. Dungarpur.

### HISTORY

House Hold No.	Name	Age	Sex	Date of Examination
----------------	------	-----	-----	---------------------

#### 1. GIT Complaints / Symptoms

- |                    |         |
|--------------------|---------|
| • loss of appetite | yes /No |
| • nausea           | Yes /No |
| • pain Abdomen     | Yes /No |
| • Constipation     | Yes /No |
| • Gas Formation    | Yes /No |

#### 2. Musculo-Skeletal Symptoms

- |  |         |
|--|---------|
| • Pain in Lower Limb                         | Yes /No |
| • Pain in Joints                             | Yes /No |
| • Pain in Neck and Backbones                 | Yes /No |
| • inability to perform routine domestic work | Yes /No |

#### 3. Neurological Symptoms

- |  |                  |
|--|------------------|
| • Nervousness                          | Present / Absent |
| • Depression                           | Present / Absent |
| • Tingling Sensation in Fingers & Toes | Present / Absent |
| • Excessive Thirst                     | Yes /No          |
| • Increased Frequency of Urination     | Yes /No          |

#### 4. Urinary tract Symptoms

- Urinary Volume Decreased / Normal
- Colour Pale yellow / Yellow red
- Itching in the region Present / Absent

#### 5. Allergic Symptoms

- Painful skin rashes Present / Absent

#### 6. Obstetric History During Last Two Years

- H/O Abortin Yes / No
- H/O Still Birth Yes / No
- H/O Congenital Deformity Yes / No

### CLINICAL EXAMINATION

#### 1. Musculo-Skeletal Signs

- Deformity : Kyphosis / Scoliosis / Flexor Deformity of Knee Joint / Paraplegia /  
Quadriplegia / Cross Leg Deformity / Bony Exostosis
- Field test ( Three Physical Tests )
  - a) Touching Chin to Test Yes / No
  - b) Touching Feet Yes / No
  - c) Folding hands behind neck Yes / No

• Reflexes :

Ankle Normal /Brisk

Knee Normal /Brisk

Elbow Normal /Brisk

• Muscle Grading - Hip - Grade 0 / I / II / III / IV / V

Knee- Grade 0 / I / II / III / IV / V

Ankle- Grade 0 / I / II / III / IV / V

• Personal Habits :

Smoking (Bidis, Cigarettes) - < 5 / 5-10 / 10-15 / >15

Tobacco chewing - < 10 grams / 10-15 grams / >10 grams

Tea consumption - 1-2 cups / 2-4 cups / 4-6 cups / >6 cups

**LABORATORY INVESTIGATIONS**

(25% of clinically diagnosed would be subjected to lab investigations )

• Fluoride estimation in Urine Sample

a) Volume -

b) PH - Acidic / Alkaline

c) Colour - Deep yellow to red

d) Fluoride level -

Lab technician's signature

Investigator's signature

## Annexure IIC

Post Intervention schedule for clinical/laboratory examination of diagnosed fluorosis patients

Household No	Name	Age	Sex	Date of Examination		
		Preintervention		Postintervention		
		Yes	No	No relief (1)	Partial relief (2)	Complete relief (3)
<b>GIT symptoms</b>						
Loss of appetite						
nausea						
Pain abdomen						
Constipation						
Gas formation						
<b>MSS symptoms</b>						
Pain in lower limbs						
Pain in joints						
Pain in neck and back						
Inability to perform routine work						
<b>Neurological symptoms</b>						
Nervousness						
Depression						
Tingling sensations						
Excessive thirst						
Increased frequency						
<b>Urinary tract symptoms</b>						
Itching in the region						
<b>Allergic symptoms</b>						
Painful skin rashes						
Clinical examination						
<b>Three physical tests</b>						
Touching chin to chest				Yes/No		Yes/No
Touching feet without bending knee				Yes/No		Yes/No
Folding hands behind neck				Yes/No		Yes/No

<b>Reflexes</b>		
Ankle	Normal/Brisk	Normal/Brisk
Knee	Normal/Brisk	Normal/Brisk
Elbow	Normal/Brisk	Normal/Brisk

<b>Muscle Grading</b>		
Hip	0/I/II/III/IV/V	0/I/II/III/IV/V
Knee	0/I/II/III/IV/V	0/I/II/III/IV/V
Ankle	0/I/II/III/IV/V	0/I/II/III/IV/V

### Laboratory Investigations

(100% of the patients whose urine was analysed for fluoride preintervention phase)

#### *Fluoride estimation in urine sample*

Volume-

pH -Acidic/Alkaline-

Colour-

Fluoride level-



# ANNEXURE III

---

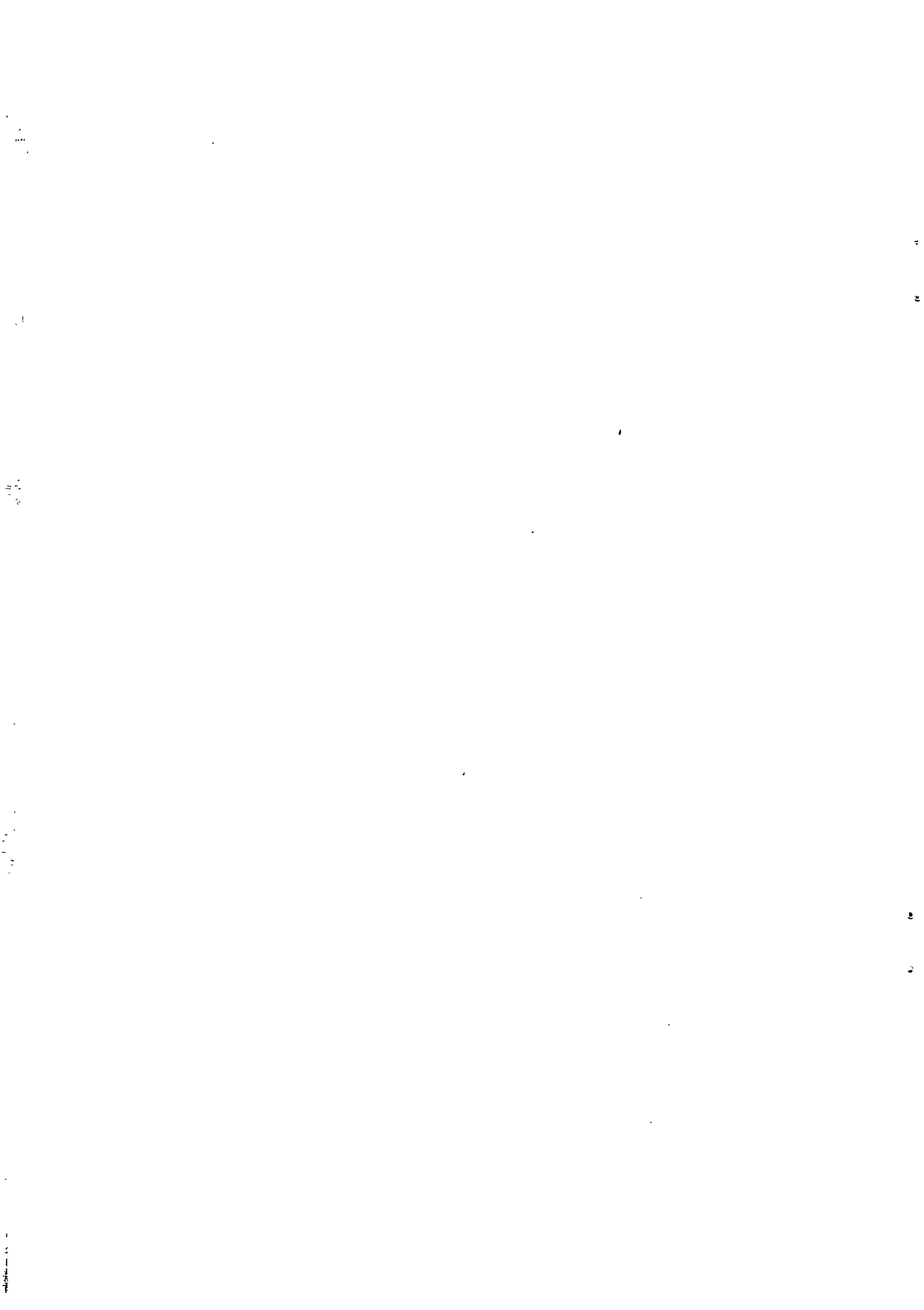
## Method for estimation of fluoride in urine (Hall et al, 1972)

### PREPARATION OF ACETATE BUFFER

It is prepared by mixing 5.7 ml of acetic acid and 70 ml of deionized water. Neutralize the solution with sodium hydroxide (2N) solution of pH 5.2. Dilute this solution to 100ml with deionized water. This solution is further diluted 10 times, means 100ml of solution is made upto 1000ml. This 10 times diluted solution is used for fluoride estimation. 30% perchloric acid is used to adjust pH of 5.2 of urine samples. Add only 2-3 drops of solution.

### SAMPLE ANALYSIS

Take 4.5 ml of buffer and 0.5 ml. Of sample in a plastic beaker. Mix, stir and dip the electrode in the beaker when the reading is stable read it in ppm



# RAW DATA (PREINTEVENTION PHASE)

0 = No  
1 = Yes

VILLAGE	HOUSE NO	NAME	AGE	SEX	DATE OF EXAM	GIT	MSS	NEU SYMP-TOMS	UTS	ALG_SYM	OBS_HIS	CLINI-CAL	FIELD	RE-FLEXES	MUS_GRD	P_HABITS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
KOLKHANDA	3	PRABHULAL	76	M	12/4/96	10011	0100	00000	NPYA	0	0000	0000000	011	NNN	142434	10223
KOLKHANDA	9	VALEG	48	M	12/4/96	00000	0010	10000	NPYA	0	0000	0000000	001	NNN	142434	11203
KOLKHANDA	110	PREMA	48	F	12/4/96	10001	1000	00001	NPYA	0	0001	0000000	101	NNN	142434	10203
KOLKHANDA	109	ROOPI	50	F	12/4/96	00010	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	10203
KOLKHANDA	98	NATHI	20	F	12/4/96	00000	1000	00000	NPYA	0	0000	0000000	011	NNN	142434	10203
KOLKHANDA	62	LAVJI	40	M	12/4/96	00000	0000	00001	NPYA	0	0000	0000000	101	NNN	142434	12203
KOLKHANDA	15	GAUTAM	70	M	12/4/96	00000	0100	00001	NPYA	0	0000	0000000	011	NNN	142434	10233
KOLKHANDA	30	HANTADEVI	40	F	12/4/96	10011	1000	00000	NPYA	0	0001	0000000	111	NNN	142434	10203
KOLKHANDA	105	NATI	32	F	12/4/96	00000	0010	00000	NPYA	0	0000	0000000	011	NNN	142434	10203
KOLKHANDA	5	SHANKARLAL	58	M	12/4/96	00011	0110	00100	NPYA	0	0000	0000000	111	NNN	142434	10213
KOLKHANDA	105	GALJI	60	M	12/4/96	00000	0110	00011	NPYA	0	0000	0000000	011	NNN	142434	10223
KOLKHANDA	33	PRATAP	75	M	12/4/96	00010	0010	00000	NPYA	0	0000	1000000	001	NNN	142434	12203
KOLKHANDA	33	JAMANA DEVI	70	F	12/4/96	00000	0110	00000	NPYA	0	0001	1000000	001	NNN	142434	10203
KOLKHANDA	1	RAKESH	22	M	12/4/96	00011	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	10203
KOLKHANDA	117	GAUTAM	70	M	12/4/96	00000	1000	00000	NPYA	0	0000	0000000	111	NNN	142434	14203
KOLKHANDA	91	RATANJI	65	M	12/4/96	00000	0010	10000	NPYA	0	0000	0000001	001	NNN	142434	13203
KOLKHANDA	10	BABLI	40	F	12/4/96	10001	1010	00000	NPYA	0	0000	0000000	001	NNN	142434	10203
KOLKHANDA	28	RATAN	28	F	12/4/96	00011	0110	00000	NPYA	0	1010	0000000	111	NNN	142434	10203
KOLKHANDA	83	KAPI	28	F	12/4/96	00001	1010	00000	NPYA	0	0000	0000000	011	NNN	142434	10213
KOLKHANDA	114	JAVAR	40	F	12/4/96	10001	1110	00000	NPYA	0	0000	1000000	001	NNN	142434	10203
KOLKHANDA	73	TULSI	30	F	12/4/96	10001	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	10203
KOLKHANDA	111	DALU	45	F	12/4/96	00001	0010	00000	NPYA	0	0000	0000000	001	NNN	142434	10203
KOLKHANDA	92	JASU	15	F	12/4/96	00000	1000	00000	NPYA	0	0000	0000000	001	NBN	142434	10203
KOLKHANDA	97	KUDHA	50	F	12/4/96	00001	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	10203
KOLKHANDA	93	DHALJI	52	M	12/4/96	10000	0110	00000	NPYA	0	0000	1000000	001	NNN	142434	10203
KOLKHANDA	1	KURIBHAY	70	F	12/4/96	00000	1011	00000	NPYA	0	0000	1010000	000	NNN	142434	10203
KOLKHANDA	34	VALIU	30	F	12/4/96	00000	1111	00000	NPYA	0	1000	1010010	001	NNN	142434	10203
KOLKHANDA	98	NATULAI	0	M	12/4/96	00000	1000	00000	NPYA	0	0000	1000000	001	NNN	142434	10203
KOLKHANDA	14	GADAVDEVI	0	F	12/4/96	10000	1010	00000	NPYA	0	0000	0000000	001	NNN	142434	10203
KOLKHANDA	37	KAVNATHI	40	M	12/4/96	10000	0100	00000	NPYA	0	0000	0000000	011	NNN	142434	10203
KOLKHANDA	50	MAHANDRA	35	M	12/4/96	00000	0000	00000	NPYA	0	0000	0001000	100	NNN	142434	12203
KOLKHANDA	32	LALJI	30	M	12/4/96	10001	1000	00000	NPYA	0	0000	0000000	011	NNN	142434	10203
KOLKHANDA	60	HAKAR	35	F	12/4/96	00100	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	10203
KOLKHANDA	32	HANAN	60	F	12/4/96	10100	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	10203
KOLKHANDA	5	LALJI	60	M	12/4/96	00000	0000	00001	NPYA	0	0000	0000000	111	NNN	142434	10213
KOLKHANDA	23	HAKRIDEVI	45	F	12/4/96	10101	1111	00010	NPYA	0	0000	1010010	011	NNN	142434	10203
KOLKHANDA	42	NATHULAL	28	M	12/4/96	00000	0000	00000	NPYA	0	0000	0000000	000	NNN	142434	14203
KOLKHANDA	41	SUKHIAL	30	M	12/4/96	10000	0110	00010	NPYA	0	0000	0000000	010	NNN	142434	10203

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
KOLKHANDA	33	KASHIAR LAL	32	M	12/4/96	00100	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102030
KOLKHANDA	36	NATTIU	30	M	12/4/96	00000	0100	00000	NPYA	0	0000	0000000	011	NNN	142434	112031
KOLKHANDA	30	VALA	50	M	12/4/96	00000	0010	00000	NPYA	0	0000	0000001	011	NNN	142434	142032
KOLKHANDA	34	GOMAN	50	F	12/4/96	00100	1110	00100	NPYA	0	0000	0010000	011	NNN	142434	102031
KOLKHANDA	30	DAVLI	60	F	12/4/96	10010	0000	00000	NPYA	0	1000	0000000	011	NNN	142434	102031
KOLKHANDA	38	VALU	40	F	12/4/96	10111	1111	00111	NPYA	0	0000	1010001	001	NNN	142434	102030
KOLKHANDA	83	IIAKARA	70	M	12/4/96	10000	1110	00001	NPYA	0	0000	1010010	001	NNN	142434	102032
KOLKHANDA	28	KASHU	35	M	12/4/96	00011	0000	00000	NPYA	0	0000	0000001	101	NNN	142434	142031
KOLKHANDA	58	MAGHIRAJ	16	M	12/4/96	01101	1110	00111	NPYA	0	0000	0000000	100	NNN	142434	102030
KOLKHANDA	34	GOMANA	60	F	12/4/96	00000	0110	00000	NPYA	0	0000	1000000	101	NNN	142434	102031
KOLKHANDA	84	LAXMI	24	F	12/4/96	00000	0110	00000	NPYA	0	1100	0000000	111	NNN	142434	102031
KOLKHANDA	6	KURJ	55	F	12/4/96	00101	0100	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
KOLKHANDA	68	AMRJT	24	F	12/4/96	00101	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KOLKHANDA	8	ROOP	24	F	12/4/96	10100	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102030
KOLKHANDA	3	IIAKAR	50	F	12/4/96	00100	1111	00000	NPYA	0	0000	1010010	000	NNN	142434	102031
KOLKHANDA	21	IIANTUK	70	F	12/4/96	00100	0110	NNN14	NPYA	0	1000	0000000	011	NNN	142434	102031
KOLKHANDA	48	DHULI	45	F	12/4/96	10010	1110	00001	NPYA	0	0000	0000000	111	NNN	142434	102031
KOLKHANDA	48	DHULA	50	M	12/4/96	10001	0110	00000	NPYA	0	0000	0000000	001	NNN	142434	102131
KOLKHANDA	53	RAMCHANDRA	30	M	12/4/96	10100	0110	00000	NPYA	0	0000	0000000	101	NNN	142434	102031
KOLKHANDA	51	KALI	65	F	12/4/96	00001	0110	00000	NPYA	0	0100	0000000	001	NNN	142434	102031
RAMNA	164	NAHAR SINGH	70	M	12/4/96	10000	1010	00000	NPYA	0	0000	0000000	001	NNN	142334	122032
RAMNA	164	KESAR	65	F	12/4/96	00000	1110	00001	NPYA	0	0000	0000000	111	NBN	132434	102031
RAMNA	165	SAJU	40	F	12/4/96	10101	1110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
RAMNA	166	LAXMAN SINGH	55	M	11/22/96	00001	1110	00010	NPYA	0	0000	0000000	001	NBN	142434	102031
RAMNA	92	KANAL	60	F	11/22/96	10100	1111	10011	NPYA	0	0000	1000000	001	NNN	132332	102031
RAMNA	52	MOJI	60	F	11/22/96	00101	1111	10001	NPYA	0	0000	0000000	000	NBN	122333	102031
RAMNA	58	DUNGAR	39	M	11/22/96	10100	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	142032
RAMNA	101	JEEV	50	F	11/22/96	00001	0010	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
RAMNA	138	DHULI	52	F	11/22/96	11001	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
RAMNA	143	ANOOPKUNWAR	72	F	11/22/96	11000	0000	10000	NPYA	0	0000	0000000	001	NNN	142434	102031
RAMNA	149	MOTIGIRI	53	F	11/22/96	10000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102231
RAMNA	70	GANGA	28	F	11/22/96	00001	0010	00001	DPYA	0	0000	0000000	011	NNN	142434	102031
RAMNA	72	JAYDA	26	F	11/22/96	10000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102030
RAMNA	157	DAI	40	F	11/23/96	00000	1100	00000	NPYA	0	0100	0000000	011	NNN	142434	102031
RAMNA	144	ISHWAR SINGH	28	M	11/23/96	00111	0110	00000	NPYA	0	0000	0000000	101	NNN	142434	102031
RAMNA	106	NATHU	45	M	11/22/96	00000	1011	00000	NPYA	0	0000	0000000	111	NNN	142434	122031
RAMNA		NATHU	52	M	11/23/96	00001	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102132
RAMNA	74	DAI	60	F	11/22/96	10000	1000	00011	NPYA	0	0000	0000000	111	NBB	132434	102031
RAMNA	50	LALJI	25	M	11/22/96	11111	1110	00001	NPYA	0	0000	0000000	101	NNN	142434	102031
RAMNA	57	BIHARATU	45	M	11/23/96	00111	0110	00001	NPYA	0	0000	0000000	111	NNN	142434	112031
RAMNA	128	NATHU	35	M	11/23/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102131
RAMNA	39	MOTI	0	F	11/23/96	10011	1010	00000	NPYA	0	0000	0000000	011	NNN	142434	102032
RAMNA	94	NATHU	60	M	11/23/96	00000	1000	00000	NPYA	0	0000	0000000	111	NNN	142434	132031
RAMNA	47	GANGA	37	F	11/23/96	00000	0000	00010	NPYA	0	0000	0000000	011	NNN	142434	102031

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RAMNA	57	IAMNA	35	F	11/23/96	00000	0100	00010	NPYA	0	0100	0000000	111	NNN	142434	102031
RAMNA	42	RUKI	30	F	11/23/96	00011	1010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
RAMNA	48	VAKAT	45	F	11/23/96	00000	1100	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
RAMNA	147	DHANU	60	F	11/23/96	00011	0100	00001	NPYA	0	0000	0000000	011	NBN	142434	102031
RAMNA	120	DHAPU	40	F	11/23/96	10011	1110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
RAMNA	41	TULSI	30	F	11/23/96	00111	1110	00001	NPYA	0	0000	0000000	111	NNN	142434	102031
RAMNA	50	MANJU	22	F	11/23/96	00000	0000	00000	NPYA	0	0100	0000000	111	NNN	142434	102031
RAMNA	99	BIAGWAN	39	M	11/23/96	00001	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	122031
RAMNA	39	MAVJI	50	M	11/23/96	01111	0100	00000	NPYA	0	0000	0000000	111	NNN	142434	112131
RAMNA	75	JAVDA	28	F	11/23/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
RAMNA	174	HAKER	40	M	11/23/96	00000	1100	00000	NPYA	0	0000	0000000	001	BBB	132333	102031
RAMNA	66	RUPEG	55	M	11/23/96	10000	0110	00011	NPYA	0	0000	0000000	011	NNN	142434	102231
RAMNA	55	KESAR	35	F	11/23/96	00000	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
RAMNA	79	VARJU	45	M	11/23/96	10100	1010	00000	NPYA	0	0000	0000000	011	NBN	142434	102031
RAMNA	66	IR	45	F	11/23/66	00000	0100	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
RAMNA	157	NATHU	0	M	11/23/96	00101	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	132031
RAMNA	105	DAJ	35	F	11/23/96	00100	0100	00000	NPYA	0	0000	0000000	111	NBN	142434	102031
RAMNA	125	DHAPU	25	F	11/23/96	11000	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
RAMNA	125	MANJI	30	M	11/23/96	00000	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
RAMNA	85	GANGA	55	F	11/23/96	00000	0110	00000	NPYA	0	0000	0000000	011	NBN	142434	102032
RAMNA	156	BHURI	60	F	11/23/96	10000	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102032
RAMNA	55	LALJI	40	M	11/23/96	00000	0010	00010	NPYA	0	0000	0000000	111	NNN	142434	112031
RAMNA	173	KEVJI	35	M	11/23/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	142031
RAMNA	173	KANKU	28	F	11/23/96	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
RAMNA	145	BHURI	45	F	11/23/96	10000	0000	00010	NPYA	0	0000	0000000	011	NNN	142434	102032
RAMNA	100	DHULI	65	F	11/23/96	10000	1000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
RAMNA	114	BHURA	45	M	11/23/96	00000	1010	00000	NPYA	0	0000	0000000	001	NNN	142434	102031
RAMNA	232	MANI	34	F	11/23/96	00000	0101	00000	NPYA	0	0000	0000000	000	NNN	142434	102031
RAMNA	86	DEVJI	40	M	11/23/96	00100	1100	00000	NPYA	0	0000	0000000	111	NNN	142434	122031
RAMNA	96	DEVYRAM	37	M	11/23/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	122032
RAMNA	74	MOGJI	70	M	11/23/96	00000	1101	00100	NPYA	0	0000	1000000	011	NNN	142434	102131
RAMNA	174	MOGJI	45	M	11/23/96	10110	1110	10001	NPYA	0	0000	0000000	101	NNN	142434	132031
RAMNA	89	NATIJI	35	M	11/23/96	01100	1110	00011	NPYA	0	0000	0000000	111	NNN	142434	122031
RAMNA	85	PADAMJI	60	M	11/23/96	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
RAMNA	81	DEVJI	45	M	11/23/96	00000	1100	00000	NPYA	0	0000	0000000	011	NBN	142434	132030
RAMNA	81	ROOPI	40	M	11/23/96	00100	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
RAMNA	158	KACHRU	70	M	11/23/96	00000	1110	00000	NPYA	0	0000	0000000	001	NNN	142434	102031
RAMNA	70	MANJI	32	M	11/23/96	00000	0100	00010	NPYA	0	0000	0000000	011	NNN	142434	102131
RAMNA	120	GULABJI	45	M	11/23/96	00000	0010	00010	NPYA	0	0000	0000000	011	NBN	142434	122030
RAMNA	129	DALJI	68	M	11/23/96	10100	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102131
RAMNA	112	GALAL	50	F	11/23/96	10000	0110	00000	NPYA	0	0010	0000000	001	NNN	142434	102030
RAMNA	111	KESAR	45	F	11/23/96	01100	1000	10011	NPYA	0	0000	0000000	011	NNN	142434	102031
RAMNA	124	ROOPI	60	F	11/23/96	00000	1100	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
RAMNA	61	BHURA	50	M	11/23/96	10000	1101	00001	NPYA	0	0000	0000000	101	NBN	132434	102131

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RAMNA	87	JAVER	34	F	11/23/96	00000	0100	00000	NPYA	0	0000	0000000	011	NNN	142434	102030
RAMNA	131	NATHU	79	M	11/23/96	00000	1101	00000	NPYA	0	0000	0010000	111	NNN	142434	112031
RAMNA	127	DALU	60	F	11/23/96	01000	1110	11000	NPYA	0	0000	0000000	000	BBB	142434	102031
RAMNA	69	KESAR	61	F	11/23/96	10000	1100	00001	NPYA	0	0000	0000000	111	NBN	142434	102031
RAMNA	140	KADVU	40	F	11/23/96	10001	1110	00000	NPYP	0	0000	0000000	001	NBN	142434	102031
RAMNA	162	GAMIR	45	F	11/23/96	00000	0100	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
RAMNA	170	C KUNWAR	50	F	11/23/96	11111	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
RAMNA	166	ANOOP	27	F	11/23/96	00011	0100	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
RAMNA	97	PARWATI	45	F	11/23/96	10101	0111	00001	NPYA	0	0000	0000000	000	NNN	142434	102030
RAMNA	143	VIJAY SINGH	45	M	11/23/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	112031
RAMNA	91	NATHU	50	M	11/23/96	00000	1100	00001	NPYA	0	0000	0000000	001	NNN	142434	102031
GEHUNWADA	46	HAREDR SING	18	M	11/27/96	00000	0000	11100	NPYA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	43	SAGEN SING	43	M	11/27/96	00000	0100	11100	NPYA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	82	GALAL	40	F	11/27/96	00000	0110	00010	NPYA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	83	MERA	30	F	11/27/96	00010	0110	00011	NPYA	0	0000	0000000	011	NNN	142434	102032
GEHUNWADA	4	KANTILAL	30	F	11/27/96	10101	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102131
GEHUNWADA	4	DURGA	25	F	11/27/96	10000	1010	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
GEHUNWADA	18	SAVLYDAVI	60	F	11/27/96	10101	1110	00001	NPYA	0	0000	0000000	011	NNN	142434	102230
GEHUNWADA	80	SUKHLAL	12	M	11/27/96	00100	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
GEHUNWADA	18	NARPATSINGH	38	F	11/27/96	00000	0110	10000	NPYA	0	0000	0000000	111	NNN	142434	112032
GEHUNWADA	52	KISHORE SINGH	70	M	11/27/96	00000	0111	00011	NPYA	0	0000	0000000	000	NNN	142434	102031
GEHUNWADA	51	RANJITSINGH	50	M	11/27/96	00000	0000	00011	NPYA	0	0000	0000000	111	NNN	142433	112131
GEHUNWADA	75	PARVATSINGH	70	M	11/27/96	00000	1110	00010	NPYA	0	0000	0000000	210	NNN	142433	132032
GEHUNWADA	53	SURAJ KAWAR	50	F	11/27/96	00010	0010	01000	NPYA	0	0000	0000000	010	NNN	142434	102131
GEHUNWADA	257	SURAJ	78	M	11/27/96	00100	0001	00000	NPYA	0	0000	0000000	110	NNN	142434	102031
GEHUNWADA	117	SOMA	30	M	11/27/96	10010	0010	00010	NPYA	0	0000	0000000	001	NNN	142434	132031
GEHUNWADA	42	SURAJ KAWAR	62	F	11/27/96	10000	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102130
GEHUNWADA	56	PANKAJ	76	F	11/27/96	27119	0001	00000	NPYA	0	0000	0000000	000	NNN	142434	102031
GEHUNWADA	43	BANNA KAWAR	50	F	11/27/96	00000	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
GEHUNWADA	39	KAMAL KUWAR	40	F	11/27/96	10100	1100	01100	NPYA	0	0000	0000000	011	NNN	142434	102031
GEHUNWADA	37	KURSINGH	42	M	11/27/96	00001	0100	00000	NPYA	0	0000	0000000	111	NNN	142434	122131
GEHUNWADA	143	GUJ RAJ SINGH	26	M	11/27/96	00000	0100	00000	NPYA	0	0000	0000000	011	NNN	142434	102131
GEHUNWADA	49	KISHORE SINGH	65	M	11/27/96	00000	0100	00001	NPYA	0	0000	0000000	111	NNN	142434	132031
GEHUNWADA	21	BHAVAR SINGH	35	M	11/27/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	64	S KUWAR	22	F	11/27/96	00011	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	59	ANTAR SINGH	30	F	11/27/96	10100	1010	00000	NPYA	0	0000	0000000	011	NNN	142434	102032
GEHUNWADA	80	NAMI	35	F	11/27/96	10110	1010	10000	NPYA	0	0000	0000000	010	NNN	142434	102031
GEHUNWADA	69	ANOOP SINGH	65	M	11/26/96	00000	1110	00000	NPYA	0	0000	0000000	001	NNN	142434	102031
GEHUNWADA	89	DHULLA	55	M	11/27/96	10011	1010	00000	NPYA	0	0000	0000000	111	NNN	142434	122032
GEHUNWADA	58	J SINGH	55	M	11/27/96	00000	0100	00000	NPYA	0	0000	0000000	000	NNN	142434	142031
GEHUNWADA	25	M. SINGH	50	M	11/27/96	00000	1110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	59	KUR SINGH	85	M	11/27/96	10000	1111	00000	NPYA	0	0000	0000000	001	NNN	142434	132031
GEHUNWADA	86	ABJAN	40	M	11/27/96	00000	0010	00000	NPYA	0	0000	0000000	011	NNN	142434	122031
GEHUNWADA	38	RATAN SINGH	80	M	11/27/96	00011	1010	00000	NPYA	0	0000	0000000	101	NNN	142434	102031

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GEHUNWADA	77	GAMIR SINGH	60	M	11/27/96	00010	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	12203
GEHUNWADA	7	NATHU	66	M	11/27/96	00010	0010	00010	NPYA	0	0000	0000000	001	NNN	142434	12203
GEHUNWADA	121	DOLLA	65	M	11/27/96	10011	0110	00010	NPYA	0	0000	0000000	101	NNN	142434	10203
GEHUNWADA	80	LAXMAN	40	M	11/27/96	00011	0110	00001	NPYA	0	0000	0000000	111	NNN	142434	12203
GEHUNWADA	81	ADDA	50	M	11/27/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	13203
GEHUNWADA	15	NATHU	60	M	11/27/96	10001	1111	00000	NPYA	0	0000	0000000	000	NNN	142434	10203
GEHUNWADA	107	NANU RAM	30	M	11/27/96	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	10223
GEHUNWADA	129	GOMNA	60	M	11/27/96	00010	0110	00011	NPYA	0	0000	0000000	011	NNN	142434	14203
GEHUNWADA	84	MAHASI	5	M	11/27/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	00000
GEHUNWADA	85	NARAYAN	35	M	11/27/96	00001	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	10203
GEHUNWADA	118	HUKKA	55	M	11/27/96	00010	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	11203
GEHUNWADA	124	LAXMAN	35	M	11/27/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	10203
GEHUNWADA	125	DAVJI	30	M	11/27/96	00000	1000	00000	NPYA	0	0000	0000000	111	NNN	142434	12203
GEHUNWADA	115	KHAMJI	48	M	11/27/96	00000	0010	10011	NPYA	0	0000	0000000	101	NNN	142434	10203
GEHUNWADA	120	NATHU	35	M	11/26/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	11203
GEHUNWADA	28	ANAR SINGH	45	M	11/27/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	10213
GEHUNWADA	109	LAXMAN	40	M	11/26/96	00000	0100	00010	NPYA	0	0000	0000000	011	NNN	142434	13213
GEHUNWADA	18	SURYA KAWAR	38	F	11/26/96	11111	1011	01000	NPYA	0	0000	0000000	011	NNN	142434	00000
GEHUNWADA	19	BASANT KAWAR	28	F	11/26/96	00001	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	10203
GEHUNWADA	20	VISHU KAWAR	23	F	11/26/96	00100	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	10203
GEHUNWADA	36	ANDER KAWAR	70	F	11/27/96	00110	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	10203
GEHUNWADA	49	VJAY KAWAR	60	F	11/26/96	10100	0100	00001	NPYA	0	0000	0000000	011	NNN	142434	10203
GEHUNWADA	59	MOHAN KAWAR	75	F	11/26/96	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	10203
GEHUNWADA	32	D KAWAR	30	F	11/26/96	00001	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	10203
GEHUNWADA	40	SURYA KAWAR	36	F	11/26/96	00001	0010	00101	NPYA	0	0000	0000000	011	NNN	142434	10203
GEHUNWADA	31	DIHA KAWAR	24	F	11/26/96	10000	0000	00010	NPYA	0	0000	0000000	011	NNN	142434	10203
GEHUNWADA	57	SAJJAN KAWAR	50	F	11/26/96	00111	1110	01000	NPYA	0	0000	0000000	011	NNN	142434	10203
GEHUNWADA	1	MONA KAWAR	40	F	11/26/96	10000	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	10203
GEHUNWADA	24	MOHAN KAWAR	35	F	11/26/96	10111	1110	01100	NPYA	0	0000	0000000	011	NNN	142434	10203
GEHUNWADA	10	DEV KAVAR	35	F	11/26/96	00000	0010	00100	NPYA	0	0000	0000000	011	NNN	142434	10203
GEHUNWADA	17	KAMAL KUWAR	40	F	11/26/96	00000	1110	00100	NPYA	0	0000	0000000	011	NNN	142434	10203
GEHUNWADA	28	PRAKASH KUWAR	40	F	11/26/96	10000	0000	01000	NPYA	0	0000	0000000	111	NNN	142434	10203
GEHUNWADA	41	INDRA KUNWAR	38	F	11/26/96	01001	0110	00000	NPYA	0	0000	0000000	000	NNN	142434	10203
GEHUNWADA	77	KASAR KUWAR	50	F	11/26/96	10000	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	10203
GEHUNWADA	21	PAP KUMAR	34	M	11/26/96	00011	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	10203
GEHUNWADA	30	MOHAN KUMAR	30	F	11/26/96	00111	1111	01100	NPYA	0	0000	0000000	111	NNN	142434	10203
GEHUNWADA	29	KALASHI	30	M	11/26/96	10000	0000	00011	NPYA	0	0000	0000000	111	NNN	142434	10203
GEHUNWADA	26	KESAR KUNWAR	40	F	11/26/96	00001	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	10203
GEHUNWADA	25	CHANDR KUWAR	45	F	11/26/96	10010	1010	00000	NPYA	0	0000	0000000	111	NNN	142434	10203
GEHUNWADA	30	RAJ KUNWAR	30	F	11/26/96	00000	0010	00000	NPYA	0	0000	0000000	011	NNN	142434	00000
GEHUNWADA	36	VINU KUNWAR	30	F	11/26/96	00111	0110	00010	NPYA	0	0000	0000000	111	NNN	142434	10203
GEHUNWADA	38	CHATER KUNWAR	75	F	11/26/96	00000	0100	00000	NPYA	0	0000	0000000	011	NNN	142434	10203
GEHUNWADA	75	MOTI KUNWAR	65	F	11/26/96	10011	1110	00001	NPYA	0	0000	0010000	001	NNN	142434	10203
GEHUNWADA	13	INDRA KUNWAR	25	F	11/26/96	10000	0011	00000	NPYA	0	0000	0000000	011	NNN	142434	10203

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
GEHUNWADA	27	VISHNU KUNWAR	30	F	11/26/96	00000	1000	00011	NYPA	0	0000	0000000	100	NNN	142434	102032
GEHUNWADA	45	PREM KUNWAR	35	F	11/26/96	00000	0100	00000	NYPA	0	1000	0000000	000	NNN	142434	102032
GEHUNWADA	27	MARSHITI	10	F	11/26/96	00000	0100	00010	NYPA	0	0000	0000000	111	NON	142434	102031
GEHUNWADA	72	SURYA KUNWAR	32	F	11/26/96	00001	0010	00011	NYPA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	34	JUS KUNWAR	40	F	11/26/96	00001	0100	00000	NYPA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	68	KALASH KUNWAR	32	F	11/26/96	00101	0010	00000	NYPA	0	1000	0000000	111	NNN	142434	102031
GEHUNWADA	29	KALASH KUNWAR	32	F	11/26/96	00000	0010	00000	NYPA	0	0000	0000000	111	NNN	142434	102031
GEHUNWARA	44	SHOAN KUNWAR	35	F	11/26/96	00000	0110	00000	NYPA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	13	KASHRA	52	M	11/26/96	10000	1100	00000	NYPA	0	0000	0000100	100	NNN	142434	102031
GEHUNWADA	54	TAMMUKUNWAR	30	F	11/26/96	00000	0010	00000	NYPA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	13	DOOLI	48	F	11/26/96	00000	0100	00000	NYPA	0	0000	0000000	011	NNN	142434	102031
GEHUNWADA	78	CHANDAN KUNWAR	30	F	11/26/96	10100	0110	00000	NYPA	0	0000	0000000	100	NNN	142434	102031
GEHUNWADA	115	HAGHU DEVI	50	F	11/26/96	10000	0100	00000	NYPA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	124	PARRIDEVI	32	F	11/16/96	00000	1000	00000	NYPA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	128	BHURVI DEVI	36	F	11/26/96	00001	0010	00000	NYPA	0	0000	0000000	011	NNN	142434	102031
GEHUNWADA	136	KAMALA	28	F	11/26/96	00000	0000	00000	NYPA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	40	NARPAT SINGH	36	M	11/26/96	10011	0100	00000	NYPA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	133	SHANKAR	38	M	11/26/96	00000	1000	00000	NYPA	0	0000	0000000	001	NNN	142434	102031
GEHUNWADA	125	PUSHPA DEVI	28	F	11/26/96	00111	0100	00000	NYPA	0	0000	0000000	011	NNN	142434	102132
GEHUNWADA	123	KAMALA DEVI	35	F	11/26/96	00000	0000	00000	NYPA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	130	KALAWATI	28	F	11/26/96	10111	0100	00000	NYPA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	3	DURGA	22	F	11/26/96	00110	1000	00000	NYPA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	120	HURAN	30	F	11/26/96	00000	1111	00000	NYPA	0	0000	0000000	011	NNN	142434	102031
GEHUNWADA	85	NATI	30	F	11/26/96	00100	0100	00010	NYPA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	122	KAMALA DEVI	28	F	11/26/96	00000	0110	00000	NYPA	0	1000	0000000	011	NNN	142434	102031
GEHUNWADA	88	VARRUN	30	F	11/26/96	10000	0010	00001	NYPA	0	0000	0000000	111	NNN	142434	102031
GEHUNWADA	17	ARJUN SINGH	45	M	11/26/96	10011	0000	00001	NYPA	0	0000	0000000	001	NNN	142434	102031
GEHUNWADA	89	AMAARI	50	F	11/26/96	10000	0110	00000	NYPA	0	0000	0000000	001	NNN	142434	102031
GEHUNWADA	2	CHAMPA	30	F	11/26/96	00100	1100	00000	NYPA	0	0000	0000000	110	NNN	142434	102031
VASUNDARBADI	99	GAMIR	60	F	12/14/96	00000	1111	10000	NPYA	0	0000	0000000	101	NNN	142434	102031
VASUNDARBADI	113	SUSAJ	38	F	12/14/96	00100	1110	00000	NPYA	0	0000	0000000	101	NNN	142434	102031
VASUNDARBADI	18	KASHAV	62	F	12/14/96	10001	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102030
VASUNDARBADI	18	MATU KUWAR	37	F	12/14/96	00000	0010	00000	NPYA	0	0000	0000000	010	NNN	142434	102031
VASUNDARBADI	97	SARSI	48	F	12/14/96	00000	0110	00001	NPYA	0	0000	0000000	111	0	142434	102030
VASUNDARBADI	27	RUPI KUWAR	68	F	12/14/96	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102030
VASUNDARBADI	27	RUPI KUWAR	0	F	12/14/96	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102030
VASUNDARBADI	131	TOL KUWAR	35	F	12/14/96	00100	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	1	MOGI	53	F	12/14/96	10010	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	4	PUNJI	41	F	12/14/96	00000	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	76	DHANNA	50	F	12/14/96	10000	0100	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	142	KISHORE KUWAR	32	F	12/14/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	47	MANA	40	F	12/14/96	10000	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	141	SHASHI KUWAR	35	F	12/14/96	10111	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	102030
VASUNDARBADI	49	QANGA	50	F	12/14/96	10000	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
VASUNDARBADI	75	KAMALA	30	F	12/14/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	108	SURAJ	35	F	12/14/96	00000	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	78	RATAN	35	F	12/14/96	00100	0000	00000	NPYA	0	0000	0000000	101	NNN	142434	102031
VASUNDARBADI	50	KUR SINGH	70	M	12/14/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	111	MERA	40	F	12/14/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	19	PRATHIVI SINGS	34	M	12/14/96	00000	0000	00100	NPYA	0	0000	0000000	011	NNN	142434	102030
VASUNDARBADI	16	CHAMNI KUWAR	16	F	12/14/96	00000	0100	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	108	RAJASH	13	M	12/14/96	00000	1000	00001	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	11	KAMALA DEVI	25	F	12/14/96	10000	1000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	22	GAMIR KUWAR	28	F	12/14/96	00000	1000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	27	VANKUWAR	36	F	12/14/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	135	GAMIR SINGH	55	F	12/14/96	00001	1000	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	25	SARDAR KUWAR	57	F	12/14/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	127	HIMMAT KUWAR	58	F	12/14/96	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	23	ANDAR KUWAR	34	F	12/14/96	00000	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	132	LAXMAN SINGH	48	M	12/14/96	00000	0000	00100	NPYA	0	0000	0000000	111	NNN	142434	102030
VASUNDARBADI	56	BHANU KUWAR	28	F	12/14/96	00000	0110	00100	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	56	TOL KUWAR	23	F	12/14/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	125	MANOHAR SINGH	60	M	12/14/96	00001	0100	00010	NPYA	0	0000	0000000	111	NNN	142434	102233
VASUNDARBADI	50	ANDAR KUWAR	25	F	12/14/96	00000	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	100	KAVALI	65	M	12/14/96	00000	1010	00000	NPYA	0	0000	0000000	001	NNN	142434	102230
VASUNDARBADI	51	KAMU KUWAR	28	F	12/14/96	00000	1100	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	2	MAVJI	23	F	12/14/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	44	NAVAL	39	F	12/14/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	138	SURAJ KUWAR	55	F	12/14/96	00000	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	6	NATI	43	F	12/14/96	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	55	ANDAR KUWAR	28	F	12/14/96	10111	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	33	WALJI	45	M	12/14/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102232
VASUNDARBADI	144	DHULLI KUWAR	45	F	12/14/96	00000	0010	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	18	BHAVNI SINGH	37	M	12/14/96	00001	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102231
VASUNDARBADI	63	SANJU KUWAR	38	F	12/14/96	00010	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	36	NANJI	45	M	12/14/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	122031
VASUNDARBADI	105	KASAR BAI	60	F	12/14/96	00000	0110	00000	NPYA	0	0000	0000000	001	NNN	142434	102031
VASUNDARBADI	29	BHAMA	35	M	12/14/96	00010	0100	00000	NPYA	0	0000	0000000	111	NNN	142434	122031
VASUNDARBADI	69	SABU KUNWAR	38	F	12/14/96	00000	0010	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	44	BHIERA	35	M	12/14/96	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	142031
VASUNDARBADI	31	GAUTAM	40	M	12/14/96	00000	0010	00000	NPYA	0	0000	0000001	111	NNN	142434	112032
VASUNDARBADI	102	NAGJI	65	M	12/14/96	00001	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	122031
VASUNDARBADI	66	HURAJ KUWAR	66	F	12/14/96	10111	1110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	148	UMMAD SINGH	53	M	12/14/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	142031
VASUNDARBADI	62	GULAB KUWAR	40	F	12/14/96	00010	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	102	GANGARAM	56	M	12/14/96	00001	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	58	AMRUT KUWAR	43	F	12/14/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	131	SARTAJ SINGH	40	M	12/14/96	00010	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	122031

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
VASUNDARBADI	105	SHANKAR LAL	65		12/14/96	00001	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102231
VASUNDARBADI	123	GULAB KUWAR	48	F	12/14/96	10011	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	38	SURAJ	57	M	12/14/96	10001	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	102231
VASUNDARBADI	54	NATI KUWAR	55	F	12/14/96	00011	0010	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	104	DAVCHAND	25	M	12/14/96	00001	0000	00100	NPYA	0	0000	0000000	111	NNN	142434	102232
VASUNDARBADI	5	KULI	43	F	12/14/96	10101	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	62	DUL SINGH	42	M	12/14/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	52	HADU KUWAR	43	F	12/14/96	00100	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	28	AMARI	60	F	12/14/96	00000	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	71	BASIDDASJI	43	M	12/14/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	20	SADAN KUWAR	43	F	12/14/96	10011	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	97	RATANLAL	57	M	12/14/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102030
VASUNDARBADI	48	HURJI	32	F	12/14/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	132031
VASUNDARBADI	99	LILARAM	32	M	12/14/96	00000	0110	00000	NPYA	0	0000	0000000	001	NNN	142434	142331
VASUNDARBADI	12	HURAJ	62	F	12/14/96	00101	0100	00000	NPYA	0	0000	0000000	010	NNN	142434	102031
VASUNDARBADI	14	ANAND KUWAR	48	F	12/14/96	00101	1110	00001	NPYA	0	0000	0000000	110	NNN	142434	102030
VASUNDARBADI	65	DALUT SINGH	65	M	12/14/96	00100	0010	00000	NPYA	0	0000	0000000	001	NNN	142434	122031
VASUNDARBADI	119	PARWAT SINGH	55	M	12/14/96	10000	1000	00000	NPYA	0	0000	0000000	000	NNN	142434	102030
VASUNDARBADI	104	WALJI	62	M	12/14/96	00010	0000	00001	NPYA	0	0000	0000000	011	NNN	142434	122031
VASUNDARBADI	21	AUKAR SINGH	65	M	12/14/96	00001	0100	00000	NPYA	0	0000	0000000	011	NNN	142434	102231
VASUNDARBADI	21	KANKU	63	F	12/14/96	00101	1110	01001	NPYA	0	0000	0000000	111	NNN	142434	102032
VASUNDARBADI	126	PARVAT SINGH	50	M	12/14/96	00010	1000	00011	NPYA	0	0000	0000000	111	NNN	142434	102131
VASUNDARBADI	12	KAMALA	23	F	12/14/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	58	TAKHAT SINGH	45	M	12/14/96	00000	1000	00000	NPYA	0	0000	0000000	001	NNN	142434	102231
VASUNDARBADI	45	KHATI	65	F	12/14/96	10000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
VASUNDARBADI	139	DHUL SINGH	50	M	12/14/96	00000	1100	00000	NPYA	0	0000	0000000	010	NNN	142434	132031
VASUNDARBADI	22	HURAJ KUWAR	53	F	12/14/96	10001	1110	00001	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	135	KISHORE SINGH	63	M	12/14/96	00000	1010	00001	NPYA	0	0000	0000000	001	NNN	142434	102031
VASUNDARBADI	71	PUSHPA	43	F	12/14/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
VASUNDARBADI	34	DHULLA	68	M	12/14/96	00000	0110	00000	NPYA	0	0000	0000000	000	NNN	142434	132031
VASUNDARBADI	39	DHULLA	60	M	12/14/96	00000	1000	00000	NPYA	0	0000	0000000	011	NNN	142434	132030
VASUNDARBADI	54	NAHAR SINGH	60	M	12/14/96	10011	0000	00001	NPYA	0	0000	0000000	011	NNN	142434	102032
HADMATIA	50	MAHENDRA	35	M	12/14/96	00000	0001	00000	NPYA	0	0000	0001000	100	NNN	102030	132031
HADMATIA	32	LALJI	30	M	12/14/96	10001	1000	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
HADMATIA	60	HAKER	35	F	12/14/96	00100	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
HADMATIA	32	HAJAN	60	F	12/14/96	10100	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
HADMATIA	5	LALJI	60	M	12/14/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102131
HADMATIA	23	HAKRIDEVI	45	F	12/14/96	10101	1111	00100	NPYA	0	0000	1010010	011	NBN	142434	102031
HADMATIA	42	NATHULAL	28	M	12/14/96	00000	0000	00000	NPYA	0	0000	0000000	000	NNN	142434	142031
HADMATIA	41	SUKHLAL	30	M	12/14/96	10000	0110	00010	NPYA	0	0000	0000000	101	NNN	142434	102030
HADMATIA	33	KESARLAL	32	M	12/14/96	00100	0110	10000	NPYA	0	0000	0000000	011	NNN	142434	102031
HADMATIA	36	NATHU	30	M	12/14/96	00000	0100	00010	NPYA	0	0000	0000000	011	NNN	142434	112033
HADMATIA	30	VALA	50	M	12/14/96	00000	0010	00000	NPYA	0	0000	0000001	011	NNN	142434	142032
HADMATIA	34	GOMAN	50	F	12/14/96	00100	1110	00100	NPYA	0	0000	0010000	011	NNN	142434	102031

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
HADMATIA	30	DEVLI	60	F	12/4/96	10010	0000	00000	NPYA	0	1000	0000000	011	NNN	142434	102031
HADMATIA	38	VELU	40	F	12/4/96	10111	1111	00100	NPYA	0	0000	1010001	001	NNN	142434	102030
HADMATIA	83	HAKRA	70	M	12/4/96	10000	1111	00001	NPYA	0	0000	1010001	001	NNN	142434	102033
HADMATIA	28	KESU	35	M	12/4/96	00101	1110	00000	NPYA	0	0000	0000001	101	NNN	142434	142031
HADMATIA	58	MEGHRAJ	16	M	12/4/96	01101	1110	00111	DPYA	1	0000	0000000	100	NNN	132333	102031
HADMATIA	34	GOMNA	60	M	12/4/96	00000	0110	00000	NPYA	0	0000	1000000	101	NNN	142434	102031
HADMATIA	84	LAXMI	24	F	12/4/96	00000	0110	00000	NPYA	0	1100	0000000	111	NNN	142434	102031
HADMATIA	6	KURI	55	F	12/4/96	00101	0100	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
HADMATIA	31	MOTI	30	F	12/4/96	10101	1110	00000	NPYA	0	0001	0000000	111	NNN	142434	102031
HADMATIA	27	HANTUK	70	F	12/4/96	00100	0110	00000	NPYA	0	1000	0000000	011	NNN	142434	102031
HADMATIA	48	DHULI	45	F	12/4/96	10010	1110	00001	NPYA	0	0000	0000000	111	NNN	142434	102031
HADMATIA	48	DHULA	50	M	12/4/96	10001	0110	00000	NPYA	0	0000	0000000	001	NNN	142434	102131
HADMATIA	53	RAMCHANDRA	30	M	12/4/96	10100	0110	00000	NPYA	0	0000	0000000	101	NNN	142434	102032
HADMATIA	51	KALI	65	F	12/4/96	00001	0110	00001	NPYA	0	0100	0000000	001	NNN	142434	102031
DUNGRAFALAN	43	KEVLA	55	M	11/28/96	00000	0110	00000	NPYA	0	0000	0000000	001	NNN	142434	102031
DUNGRAFALAN	40	PANA	70	M	11/28/96	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	132031
DUNGRAFALAN	41	ROOPA	36	F	11/28/96	00101	1110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
DUNGRAFALAN	42	NANI	25	F	11/28/96	00000	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
DUNGRAFALAN	33	JAMKUDEVI	26	F	11/28/96	00101	0010	00001	NPYA	0	0001	0000000	101	NNN	142434	102030
DUNGRAFALAN	36	SHARDA	40	F	11/28/96	00001	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
DUNGRAFALAN	36	DOLI	65	F	11/28/96	10001	1100	00000	NPYA	0	0001	0000000	011	NNN	142434	102031
DUNGRAFALAN	75	SHANTA	27	F	11/28/96	10100	0110	00100	NPYA	0	0000	0000000	011	NNN	142434	102030
DUNGRAFALAN	1	DURGA	35	F	11/28/96	10100	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
DUNGRAFALAN	1	VASUDEV	29	M	11/28/96	10000	0000	00001	NPYA	0	0000	0000000	001	NNN	142434	102131
DUNGRAFALAN	83	AMRAT	43	F	11/28/96	10100	0010	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
DUNGRAFALAN	1	THAVRA	65	M	11/28/96	00000	0000	00000	NPYA	0	0000	0000000	101	NNN	142434	102030
DUNGRAFALAN	35	HUKA	60	M	11/28/96	10101	0110	00000	NPYA	0	0000	1000000	001	NNN	142434	102131
DUNGRAFALAN	68	SURMAL	70	M	11/28/96	10000	1110	00000	NPYA	0	0000	1000000	011	NNN	142434	102030
DUNGRAFALAN	42	LALU	28	M	11/28/96	10000	0010	00001	NPYA	0	0000	0000000	011	NNN	142535	102031
DUNGRAFALAN	8	PUNJI	69	F	11/28/96	00000	0100	00000	NPYA	0	0101	00000001	011	NNN	142434	102030
DUNGRAFALAN	85	NAGJI	50	M	11/28/96	10000	0110	10000	NPYA	0	0000	0000000	111	NNN	142434	132031
DUNGRAFALAN	20	DHULI	60	F	11/28/96	00001	0110	00000	NPYA	0	0001	00000001	011	NNN	142434	102031
DUNGRAFALAN	21	IIAKRA	65	M	11/28/96	00011	0111	00000	NPYA	0	0000	0000000	101	NNN	142434	102031
DUNGRAFALAN	12	MANAK	18	M	11/28/96	00001	0000	00011	NPYA	0	0000	0000000	111	NNN	142435	102030
DUNGRAFALAN	21	DEEP	60	F	11/28/96	00101	1110	00100	NPYA	0	1000	00000001	001	NNN	142434	102031
DUNGRAFALAN	4	THAVRI	60	F	11/28/96	10100	0111	10001	NPYA	0	0000	0000000	111	NNN	142434	102031
DUNGRAFALAN	81	MEER	50	F	11/28/96	00001	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
DUNGRAFALAN	13	MEERDEVI	35	F	11/28/96	10101	1110	00001	DPYA	0	0000	0000000	111	NNN	142434	102031
DUNGRAFALAN	60	DOLA	70	M	11/28/96	00000	0110	00001	NPYA	0	0000	0000000	011	NNN	142434	102030
DUNGRAFALAN	69	LALIMA	85	F	11/28/96	10001	1110	00000	NPYA	0	0000	00000001	110	NNN	142434	102030
DUNGRAFALAN	14	RAMA	45	M	11/28/96	10110	0000	00000	NPYA	0	0000	0000000	001	NNN	142434	112031
DUNGRAFALAN	2	SAVJI	49	M	11/28/96	00000	0010	00000	NPYA	0	0000	0000000	101	NNN	142434	102030
DUNGRAFALAN	68	KESARMA	55	F	11/28/96	00101	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
DUNGRAFALAN	12	KALI	20	F	11/28/96	10000	1010	10000	NPYA	0	0000	00000001	111	NNN	142434	102031

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DUNGRAFALAN	70	RUKMANI	25	F	11/28/96	10101	0000	00001	NPYA	0	1000	0000000	111	NNN	142434	102031
DUNGRAFALAN	24	GANGA	35	F	11/28/96	10111	1110	00001	NPYA	0	0000	0000000	111	NNN	142434	102031
DUNGRAFALAN	16	HAKRU	35	F	11/28/96	10001	0100	00000	NPYA	0	1001	0000000	111	NNN	142434	102030
DUNGRAFALAN	20	MADHU	35	F	11/28/96	00000	0100	00010	NPYA	0	0000	0000000	111	NNN	142434	102030
DUNGRAFALAN	10	KARMA	60	F	11/28/96	00000	1100	00010	NPYA	0	1001	0000000	111	NNN	142434	102030
DUNGRAFALAN	28	KANTA	35	F	11/28/96	10101	1100	00100	NPYA	0	0000	0000000	111	NNN	142434	102031
DUNGRAFALAN	34	ROOPDEVI	27	F	11/28/96	00000	0100	10000	NPYA	0	1000	0000000	011	NNN	142434	102030
DUNGRAFALAN	23	LEELA	38	F	11/28/96	00000	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102030
DUNGRAFALAN	23	INDRA	10	F	11/28/96	10100	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102030
DUNGRAFALAN	60	SAVITA	30	F	11/28/96	10100	1100	00010	NPYA	0	1001	0000000	111	NNN	142434	102031
DUNGRAFALAN	61	KALI	25	F	11/28/96	00100	0100	00000	NPYA	0	0000	0000000	111	NNN	142434	102030
DUNGRAFALAN	31	NANIDEVI	30	F	11/28/96	10000	0100	00000	NPYA	0	0000	0000000	111	NBN	142434	102031
DUNGRAFALAN	68	AMRAT	24	F	11/28/96	00101	0010	00001	NPYA	0	0100	0000000	111	NNN	142434	102031
GATIAGERAFLN	45	DARJI	30	M	11/29/96	10001	1000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GATIAGERAFLN	51	LAXME	39	F	11/29/96	00100	1000	00011	NPYA	0	0100	0000000	011	NNN	142434	102031
GATIAGERAFLN	51	LAXMAN	40	M	11/29/96	00000	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	112031
GATIAGERAFLN	54	ETLI	40	F	11/29/96	00000	0000	00000	NPYA	0	0000	0000000	001	NNN	142434	102031
GATIAGERAFLN	55	AGEN	45	F	11/29/96	00000	0000	00000	NPYA	0	0001	0000000	111	NNN	142434	102031
GATIAGERAFLN	53	PARBHU	30	F	11/29/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GATIAGERAFLN	53	SUSILA	19	F	11/29/96	00100	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GATIAGERAFLN	7	THAVARA	60	M	11/29/96	10011	0010	00000	NPYA	0	0000	0000000	001	NNN	142434	132030
GATIAGERAFLN	52	MANEYA	55	M	11/29/96	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
GATIAGERAFLN	9	VERJI	40	M	11/29/96	00000	1110	00001	NPYA	0	0000	0000000	111	NNN	142434	122032
GATIAGERAFLN	6	SOME	38	F	11/29/96	10001	1000	00000	NPYA	0	0100	0000000	011	NBN	142434	102031
GATIAGERAFLN	3	NARDA	18	F	11/29/96	11110	1110	00000	NPAA	0	1000	0000000	111	NNN	142434	102031
GATIAGERAFLN	6	SUMI	20	F	11/29/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GATIAGERAFLN	45	DUOLE	60	F	11/29/96	00101	1110	00000	NPYA	0	0000	0010000	011	NNN	142434	102031
GATIAGERAFLN	47	AMRA	70	M	11/29/96	00000	0100	00001	NPAA	0	0000	0000000	101	NNN	142434	102032
GATIAGERAFLN	46	RUPI	45	M	11/29/96	00001	0000	00000	NPYA	0	0000	0000000	111	NBN	142434	102031
GATIAGERAFLN	4	HARIS	40	F	11/29/96	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102030
GATIAGERAFLN	43	JIVAJI	45	M	11/29/96	00000	0100	00000	NPYA	0	0000	0000000	011	NNN	142434	122031
GATIAGERAFLN	43	PARVATI	40	F	11/29/96	10111	1010	10101	NPYA	0	0000	0000000	011	NBN	142434	102031
GATIAGERAFLN	12	THAVRA	60	M	11/29/96	00010	1000	00000	NPYA	0	0000	0000000	011	NNN	142434	102030
GATIAGERAFLN	12	THAVRI	55	F	11/29/96	10101	1110	00010	NPYA	0	1000	0000000	011	NNN	142434	102031
GATIAGERAFLN	39	PACHMA	45	M	11/29/96	00000	1000	00000	NPYA	0	0000	0000000	001	NNN	142434	102030
GATIAGERAFLN	49	KANJI	30	M	11/29/96	00000	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
GATIAGERAFLN	49	SAMPA	35	F	11/29/96	00101	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
GATIAGERAFLN	48	MULCHAND	30	M	11/29/96	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	152535	132032
GATIAGERAFLN	46	RUPA	40	F	11/29/96	00001	0000	00000	NPYA	0	0000	0000000	000	NNN	142434	102132
GATIAGERAFLN	42	SEJAN	30	F	11/29/96	00101	0110	00000	NPYA	0	0000	0000000	111	NBN	142434	102032
GATIAGERAFLN	14	EIR	39	F	11/29/96	10001	0110	00010	NPYA	0	0001	0000000	111	NNN	142434	102031
GATIAGERAFLN	2	KANJI	30	M	11/29/96	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	132032
ALOTAFALAN	21	KURIA	55	M	11/28/96	00100	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102131
ALOTAFALAN	43	LAXMI	19	F	11/28/96	00101	1100	00010	NPYA	0	0000	0000000	011	NNN	142434	102030

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MALOTAFALAN	13	LALJI	40	M	11/29/96	10001	1110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
MALOTAFALAN	15	KAMILA	40	F	11/29/96	00111	0110	00001	NPYA	0	0000	0000000	000	BBB	142434	102031
MALOTAFALAN	15	BIRBAL	45	M	11/29/96	00000	1100	00000	NPYA	0	0000	0000000	111	NNN	142434	132031
MALOTAFALAN	78	MITHALAL	30	M	11/28/96	10000	1000	00010	NPYA	0	0000	0000000	011	NNN	142434	102031
MALOTAFALAN	57	SOMI	80	F	11/28/96	10001	1100	00001	NPYA	0	1000	0000000	101	NNN	142434	102031
MALOTAFALAN	40	RAJU	24	F	11/28/96	10110	1100	10001	NPYA	0	0000	0000000	111	NNN	142434	102030
MALOTAFALAN	53	KESAR	48	F	11/28/96	10001	1000	00011	NPYA	0	0000	0000000	011	NBB	142434	102031
MALOTAFALAN	28	KESAR	50	F	11/28/96	00001	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
MALOTAFALAN	35	VELMA	60	F	11/28/96	10000	1111	00000	NPYA	0	0000	0000000	110	NNN	142434	102030
MALOTAFALAN	8	ROOP	24	F	12/4/96	10100	0110	00000	NPYA	0	0001	0000000	011	NNN	142434	102030
MALOTAFALAN	3	HAKER	50	F	12/4/96	00100	1111	00000	NPYA	0	0000	1010010	000	NNN	132333	102031
SAMOTA	5	DHANA	45	M	12/3/96	10000	1111	11000	NPYA	0	0000	0010000	000	BBB	142434	102030
SAMOTA	7	MARTI	36	F	12/3/96	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	152434	102031
SAMOTA	56	SHANTI	29	F	12/3/96	00100	1110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
SAMOTA	53	DAYA	19	F	12/3/96	10000	1010	00000	NPYA	0	0000	0000000	111	NNN	142434	102030
SAMOTA	4	BADI	50	F	12/3/96	00111	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	102030
SAMOTA	63	NAVAL	60	M	12/3/96	00100	1100	00000	NPYA	0	0000	0000000	001	NNN	142434	102031
SAMOTA	22	KADAVDEVI	50	F	12/3/96	00000	1110	00000	NPYA	0	0000	0000000	001	NNN	142434	102031
SAMOTA	15	HUMA	36	F	12/3/96	10101	1100	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
SAMOTA	19	SHANTI	40	F	12/3/96	00100	1110	00001	NPYA	0	0000	0000000	111	NNN	142434	102031
SAMOTA	6	KURI	66	F	12/3/96	00101	1100	00101	NPYA	0	0000	0010010	100	NNN	132333	102030
SAMOTA	20	LEELA	60	F	12/3/96	10011	1110	00000	NPYA	0	0100	0000000	111	NNN	142434	102031
SAMOTA	4	SATISH	25	M	12/3/96	00000	0100	00011	NPYA	0	0000	0000000	111	NNN	142434	102331
SAMOTA	35	HUKI	37	F	12/3/96	10101	1110	00011	NPYA	0	0000	0000000	011	NNN	142434	102031
SAMOTA	2	MANJI	30	M	12/3/96	00000	0100	00000	NPYA	0	0000	0000000	011	NNN	142434	122030
SAMOTA	31	MANDEVI	45	F	12/3/96	10101	1111	00001	NPYA	0	0001	0000001	001	NNN	142434	102031
SAMOTA	35	MANIA	40	M	12/3/96	00010	0010	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
SAMOTA	50	JAMNA	34	F	12/3/96	00100	0110	00100	NPYA	0	0000	0000000	011	NNN	142434	102031
SAMOTA	37	HIRALAL	22	M	12/3/96	00001	1010	00000	NPYA	0	0000	0000000	011	NNN	142434	122031
SAMOTA	33	ROOPDEVI	50	F	12/3/96	10101	1110	00000	NPYA	0	0001	0000000	011	NNN	142434	102031
SAMOTA	64	RAMALAL	25	M	12/3/96	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	112031
SAMOTA	46	MANJI	68	F	12/3/96	00000	1010	00000	NPYA	0	0000	0000000	011	NBN	142434	102031
SAMOTA	5	ROOP	42	F	12/3/96	00100	1100	00100	NPYA	0	1001	0000000	011	NNN	142434	102031
SAMOTA	46	BHIKA	74	M	12/3/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102030
SAMOTA	4	SHAKUNTALA	27	F	12/3/96	10111	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
SAMOTA	62	PUNJI	45	F	12/3/96	10000	1100	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
SAMOTA	4	SURYAKANTA	25	F	12/3/96	00000	0110	00010	NPYA	0	0000	0000000	011	NNN	142434	102031
SAMOTA	17	PARI	30	F	12/3/96	00001	1000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
SAMOTA	28	DHULA	35	M	12/3/96	00000	1000	00000	NPYA	0	0000	0000000	011	NNN	142434	122031
SAMOTA	10	LEEMNI	34	F	12/3/96	00100	1100	00100	NPYA	0	0000	0000000	011	NNN	142434	102031
SAMOTA	16	SHANTI	19	F	12/3/96	00100	1000	00000	NPYA	0	1000	0000000	011	NBN	142434	102031
SAMOTA	58	KESAR	27	F	12/3/96	00111	1000	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
SAMOTA	31	NARAYAN	24	M	12/3/96	00000	1000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
SAMOTA	34	ROOPA	36	F	12/3/96	00000	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	102030

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SAMOTA	47	VAJA	45	M	12/3/96	10000	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	122032
SAMOTA	21	VARJU	60	F	12/3/96	00000	0010	01100	NPYA	0	0001	0000000	001	NNN	132333	102031
SAMOTA	34	BIHANJI	50	M	12/3/96	10101	1010	00010	NPYA	0	0000	0000000	001	NNN	142434	122031
SAMOTA	25	SHARDA	35	F	12/3/96	10100	1110	00000	NPYA	0	0001	0000000	011	NNN	142434	102031
SAMOTA	52	ROOPSI	60	M	12/3/96	10011	1110	00101	NPYA	0	0000	1010000	010	NNN	142434	102031
SAMOTA	57	BIHOORJ	57	F	12/3/96	00101	1111	00010	NPYA	0	0001	1000010	001	BBB	132333	102031
SAMOTA	46	DEVVRAM	35	M	12/3/96	00000	1010	00000	NPYA	0	0000	0000000	001	NNN	142434	102031
SAMOTA	57	DIHULA	60	M	12/3/96	00000	0000	00000	NPYA	0	0000	0000000	001	NNN	142434	112032
SAMOTA	42	SHANTI	30	F	12/3/96	00100	1110	00010	NPYA	0	0000	0000000	011	NNN	142434	102031
SAMOTA	17	TEJU	34	M	12/3/96	00001	1000	00000	NPYA	0	0000	0000000	011	NNN	142534	112031
SAMOTA	41	GAVRJ	28	F	12/3/96	00100	1010	00000	NPYA	0	0010	0000000	011	NNN	142434	102031
SAMOTA	9	VAGA	45	M	12/3/96	10000	1000	00000	NPYA	0	0000	0000000	101	NNN	142434	132031
SAMOTA	3	BADI	60	F	12/3/96	00000	1000	00000	NPYA	0	0001	0000000	001	NNN	142434	102031
SAMOTA	27	MOTILAL	40	M	12/3/96	00000	0110	00010	NPYA	0	0000	0000000	001	NNN	142434	102031
SAMOTA	64	NANI	50	F	12/3/96	10001	1111	00111	NPYA	1	0000	1010000	001	NNB	142434	102031
SAMOTA	55	MOGJI	40	M	12/3/96	00000	0100	00000	NPYA	0	0000	0000000	011	NNN	142434	112030
SAMOTA	11	GANGA	36	F	12/3/96	01001	1110	00011	NPYA	0	0000	0000000	001	NNN	142434	102031
SAMOTA	56	AMRI	55	F	12/3/96	10101	1111	01111	NPYA	0	0000	1010010	000	BBB	142434	102031
SAMOTA	27	NANI	40	F	12/3/96	00001	1110	00000	NPYA	0	0001	0000000	011	NNN	142434	102031
SAMOTA	58	VALA	38	M	12/3/96	00000	0010	00000	NPYA	0	0000	0000000	011	NNN	142434	112031
SAMOTA	40	HURJI	40	M	12/3/96	00001	1000	00000	NPYA	0	0000	0000000	111	NNN	142434	112031
SAMOTA	40	LAXMI	36	F	12/3/96	10000	1110	00001	NPYA	0	0100	0000000	011	NNN	142434	102031
SAMOTA	64	NANJI	65	M	12/3/96	00000	1110	00001	NPYA	0	0000	1100000	011	NNN	142434	102030
SAMOTA	9	SAPAJI	80	M	12/3/96	00000	1010	10000	NPYA	0	0000	0000000	111	NNN	142434	112032
SAMOTA	32	SHANKER	35	M	12/3/96	00001	0000	00011	NPYA	0	0000	0000000	011	NNN	142434	102230
SAMOTA	38	HURAJ	35	F	12/3/96	10001	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
SAMOTA	9	GOMAN	75	F	12/3/96	00100	0110	00001	NPYA	0	1000	0000000	111	NNN	142434	102031
SAMOTA	56	RATNA	60	M	12/3/96	00000	1110	00000	NPYA	0	0000	0000000	001	NNN	142434	102031
SAMOTA	45	MOHAN	25	M	12/3/96	10001	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	122031
SAMOTA	60	JAMNA	70	F	12/3/96	10001	1111	00000	NPYA	0	0100	1010010	001	NNN	142434	102031
SAMOTA	12	THAVRA	50	M	12/3/96	00000	0110	00000	NPYA	0	0000	0000000	100	NBN	142434	112031
SAMOTA	53	HIRALAL	40	M	12/3/96	00011	0010	00000	NPYA	0	0000	0000000	001	NNN	142434	102131
SAMOTA	2	MEERA	26	F	12/3/96	00100	1110	00000	NPYA	0	0000	0000000	111	NNN	142434	102030
SAMOTA	55	MOTI	38	F	12/3/96	10001	0000	00000	NPYA	0	0001	0000000	111	NNN	142434	102031
SAMOTA	2	LEELA	10	F	12/3/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102030
ANKRI	49	SANSI	45	F	12/18/96	00000	1010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
ANKRI	27	HAKRI	52	F	12/18/96	10111	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
ANKRI	48	HAKJ	52	F	12/18/96	00001	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
ANKRI	21	SHARDA	23	F	12/18/96	10101	0110	00000	NPYA	0	1000	0000000	011	NNN	142434	102030
ANKRI	4	SHANTI	30	F	12/18/96	10001	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
ANKRI	46	PUNJI	47	F	12/18/96	00111	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
ANKRI	19	VASANTI	10	F	12/18/96	00100	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
ANKRI	55	KAMALA	37	F	12/18/96	10000	0110	00000	NPYA	0	0001	0000000	011	NNN	142434	102031
ANKRI	57	GOMAN	64	F	12/18/96	00101	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031

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KANKRI	17	RAGAJI	38	M	12/18/96	10100	1110	00011	NPYA	0	0000	0000000	001	NNN	142434	102030
KANKRI	77	SURAJ	23	F	12/18/96	00100	0100	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KANKRI	42	KESHAV	38	F	12/18/96	00100	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KANKRI	47	HAKER	48	F	12/18/96	10100	0010	00000	NPYA	0	1000	0000000	011	NNN	142434	102031
KANKRI	61	SOMI	38	M	12/18/96	00001	1010	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
KANKRI	7	DHAPU	33	F	12/18/96	10101	0110	00001	NPYA	0	0000	0000000	111	NBB	142434	102031
KANKRI	9	BADRI	65	F	12/18/96	00000	1010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KANKRI	13	BADRI	37	F	12/18/96	00000	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KANKRI	16	KANJI	65	M	12/18/96	00111	0110	00010	NPYA	0	0000	1000000	011	NNN	142434	102031
KANKRI	16	KESAR	57	F	12/18/96	00000	0100	00000	NPYA	0	0000	0000000	011	NBN	142434	102031
KANKRI	22	KALAN	50	M	12/18/96	00101	0110	00000	NPYA	0	0000	0000000	011	NBN	142434	122030
KANKRI	40	NANA	52	M	12/18/96	10010	0110	00000	NPYA	0	0000	0000000	000	NNN	142434	102031
KANKRI	14	BHANJI	50	M	12/18/96	10000	0010	00000	NPYA	0	0000	0000000	001	NNN	142434	102031
KANKRI	16	MANI	18	F	12/18/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KANKRI	26	HALLA	54	M	12/18/96	00001	0010	00000	NPYA	0	0000	0000000	011	NNN	142434	132030
KANKRI	11	KESAR	39	F	12/18/96	10011	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102030
KANKRI	59	HUKA	35	M	12/18/96	00000	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	132031
KANKRI	72	MANI	30	F	12/18/96	00000	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
KANKRI	72	KADVA	65	F	12/18/96	00110	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
KANKRI	19	BHALJI	30	M	12/18/96	00000	1010	00011	NPYA	0	0000	0000000	011	NNN	142434	102131
KANKRI	72	MEDAR	8	M	12/18/96	00100	0100	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
KANKRI	20	LALLEG	54	M	12/18/96	00000	0110	00000	NPYA	0	0000	1000000	011	NNN	142434	132030
KANKRI	15	LAXMI	30	M	12/18/96	00100	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KANKRI	54	LALJI	43	M	12/18/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	132031
KANKRI	20	NAVRADA	25	F	12/18/96	00000	0010	00001	NPYA	0	0000	0000000	011	NNN	142434	102031
KANKRI	15	LAKMA	32	M	12/18/96	00000	0010	00000	NPYA	0	0000	0000000	011	NNN	142434	142031
KANKRI	18	KAMALA	30	F	12/18/96	00000	0110	00001	NPYA	0	0000	0000000	111	NNN	142434	102031
KANKRI	30	RAMCHAND	25	M	12/18/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	142031
KANKRI	19	SANU	28	F	12/18/96	00101	0100	00000	NPYA	0	1000	0000000	011	NNN	142434	102031
KANKRI	79	MANJI	38	M	12/18/96	10011	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	122031
KANKRI	54	RATAN	28	F	12/18/96	00111	0110	00001	NPYA	0	0001	0000000	111	NNN	142434	102031
KANKRI	21	GATU	35	M	12/18/96	00000	1010	00000	NPYA	0	0000	0000000	011	NNN	142434	132031
KANKRI	68	GAUTAM	40	M	12/18/96	10001	1010	00011	NPYA	0	0000	0000000	000	NNN	142434	132031
KANKRI	56	MANGI	24	F	12/18/96	00100	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KANKRI	60	NANA	35	M	12/18/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	132031
KANKRI	30	MANI	22	F	12/18/96	00100	0110	00000	NPYA	0	1000	0000000	111	NNN	142434	102031
KANKRI	11	DALJI	40	M	12/18/96	00011	1010	00000	NPYA	0	0000	0000000	101	NNN	142434	102031
KANKRI	26	NAVAT	51	F	12/18/96	00000	0110	00000	NPYA	0	0001	0000000	011	NNN	142434	102031
KANKRI	25	PEMA	58	M	12/18/96	10001	1110	00000	NPYA	0	0000	0000000	111	NNN	142434	142031
KANKRI	18	SUSHILA	18	F	12/18/96	00100	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
KANKRI	27	KACHRA	55	M	12/18/96	10001	0010	00000	NPYA	0	0000	1000000	011	NNN	142434	142031
KANKRI	20	NARVADA	18	F	12/18/96	00000	0010	00000	NPYA	0	0000	0000000	011	NNN	140434	102031
KANKRI	76	MOGJI	48	M	12/18/96	10001	0010	00000	NPYA	0	0000	0000000	001	NNN	142434	132031
KANKRI	22	SOMI	45	F	12/18/96	00000	0110	00000	NPYA	0	0100	0000000	011	NNN	142434	102031

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KANKRI	41	NANJI	33	M	12/18/96	00010	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102030
KANKRI	56	NAGIN	28	M	12/18/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	122031
KANKRI	17	RATAN	35	F	12/18/96	00000	0110	00000	NPYA	0	0000	0000000	001	NNN	142434	102031
KANKRI	81	JAGNATH	58	M	12/18/96	00000	0110	00000	NPYA	0	0000	00000011	001	NNN	142434	132031
KANKRI	51	KIRPI	25	F	12/18/96	10100	0110	00000	NPYA	0	0101	0000000	011	NNN	142434	102031
KANKRI	35	MOGJI	58	M	12/18/96	10001	0010	00001	NPYA	0	0000	0000000	000	NNN	142434	132032
KANKRI	60	PARU	35	F	12/18/96	00000	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
KANKRI	49	HAVJI	48	M	12/18/96	00000	0010	00000	NPYA	0	0000	0000000	001	NNN	142434	122031
KANKRI	13	DHULA	45	M	12/18/96	00001	0010	00000	NPYA	0	0000	0000000	101	NNN	142434	102130
KANKRI	73	THAVRI	48	F	12/18/96	10111	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
KANKRI	16	VASU	14	M	12/18/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KANKRI	47	ROOPA	53	M	12/18/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	132031
KANKRI	68	RAJU	48	F	12/18/96	10111	0110	00000	NPYA	0	0001	0000000	011	NBN	142434	102031
KANKRI	64	JANTU	33	F	12/18/96	00100	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
KANKRI	57	PHOOLA	65	M	12/18/96	00000	1111	00000	NPYA	0	0000	0000000	000	NNN	142434	102030
KANKRI	20	NATHU	54	M	12/18/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102231
KANKRI	17	KALA	18	F	12/18/96	00000	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
KANKRI	5	MANGLA	40	M	12/18/96	00000	1110	00000	NPYA	0	0000	0000000	011	NNN	142434	102131
KANKRI	74	SUSI	51	F	12/18/96	00100	0110	00000	NPYA	0	1000	0000000	011	NNN	142434	102031
KANKRI	74	PARBU	18	M	12/18/96	10011	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KANKRI	25	KANKU	53	F	12/18/96	00100	0110	00000	NPYA	0	0001	0000000	011	NNN	142434	102031
KANKRI	80	SURTIJI	28	F	12/18/96	00000	0010	00000	NPYA	0	1001	0000000	001	NNN	142434	102031
KANKRI	48	RAMJI	22	M	12/18/96	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102030
KANKRI	67	KESAR	43	F	12/18/96	00100	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
KANKRI	79	SOMI	30	F	12/18/96	00000	0000	00000	NPYA	0	0001	0000000	111	NNN	142434	102031
KANKRI	12	PEMJI	37	M	12/18/96	00000	0010	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
KHADASAMOR	26	NATHU	55	F	12/19/96	10101	0110	00000	NPYA	0	0000	1000000	001	NNN	142434	102031
KHADASAMOR	53	MANJI	45	M	12/19/96	10000	0010	00000	NPYA	0	0000	0000000	011	NBN	142434	112030
KHADASAMOR	51	RAMJI	35	M	12/19/96	00000	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102131
KHADASAMOR	69	DHANJI	60	M	12/19/96	00000	0100	00000	NPYA	0	0000	1000001	111	NBB	142434	102031
KHADASAMOR	49	BHURI	38	F	12/19/96	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
KHADASAMOR	48	DHULI	40	F	12/19/96	00101	0110	00000	NPYA	0	0100	0000000	011	NNN	142434	102030
KHADASAMOR	129	DAJ	90	F	12/19/96	00000	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KHADASAMOR	90	GANGA	38	F	12/19/96	00000	0110	00000	NPYA	0	0000	0000000	111	NNN	132333	102031
KHADASAMOR	48	DALU	38	F	12/19/96	00001	0000	00000	NPYA	0	0100	0000000	111	NBB	142434	102031
KHADASAMOR	63	JAVTI	46	F	12/19/96	00011	0110	00000	NPYA	0	1001	0000000	011	NNN	142434	102033
KHADASAMOR	44	JAVDA	34	F	12/19/96	00110	0010	00000	NPYA	0	0001	0000000	011	NNN	142434	102031
KHADASAMOR	49	KAMLISH	6	M	12/19/96	10000	1100	00000	NPYA	0	0000	0000000	111	NNN	142434	102030
KHADASAMOR	56	DAVJI	45	F	12/19/96	00100	0100	00000	NPYA	0	0000	0000000	011	NNN	142434	102030
KHADASAMOR	60	KADOV	20	F	12/19/96	00000	1000	00000	NPYA	0	0000	0000000	111	NNN	142434	102032
KHADASAMOR	134	DHAPU	38	F	12/19/96	00000	0100	00001	NPYA	1	0000	0000000	011	NNN	142434	102030
KHADASAMOR	46	VERJU	25	F	12/19/96	00000	1000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KHADASAMOR	324	PARVATI	65	F	12/19/96	00000	0110	00000	NPYA	0	0000	1010000	011	NNN	142434	102031
KHADASAMOR	31	CHAMPA	32	F	12/19/96	10111	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031



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KHADASAMOR	30	PUNJA	46	M	12/19/96	00000	0100	00000	NPYA	0	0000	0000000	111	NNN	142434	102032
KHADASAMOR	114	RATEN	45	F	12/19/96	00100	1111	00000	NPYA	0	0100	1010000	101	NNN	142434	102031
KHADASAMOR	67	RATEN	44	F	12/19/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KHADASAMOR	60	VALJI	60	M	12/19/96	00111	0010	00001	NPYA	0	0000	0000000	001	NNN	142434	102130
KHADASAMOR	50	KALU	13	F	12/19/96	00100	1000	00000	NPYA	0	0000	0000000	000	NNN	142434	102031
KHADASAMOR	36	SHANTA	42	F	12/19/96	00101	0110	00000	NPYA	0	1001	0000000	011	NNN	142434	102032
KHADASAMOR	86	SUNDER	47	F	12/19/96	00111	0000	00000	NPYA	0	0001	0000000	011	NNN	142434	102031
KHADASAMOR	62	RUPI	49	F	12/19/96	10111	1000	00000	NPYA	0	0110	0000000	111	NNN	142434	102033
KHADASAMOR	168	KACTIRI	28	F	12/19/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102030
KHADASAMOR	125	KASER	45	F	12/19/96	00101	0110	00000	NPYA	0	1001	0000000	011	NNN	142434	102031
KHADASAMOR	104	HIR	41	F	12/19/96	10111	0110	00000	NPYA	0	0001	0000000	111	NNN	142434	102032
KHADASAMOR	255	BADI	25	F	12/19/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102030
KHADASAMOR	235	HAJNA	48	F	12/19/96	00000	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KHADASAMOR	190	HAMU	20	F	12/19/96	00000	0100	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KHADASAMOR	318	DHULI	58	F	12/19/96	00000	0100	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KHADASAMOR	55	RUPI	48	F	12/19/96	00000	0100	00000	NPYA	0	0000	0000000	001	NNN	142434	102031
KHADASAMOR	30	JEV	50	F	12/19/96	00000	0010	00100	NPYA	0	1000	0000000	011	NNN	142434	102031
KHADASAMOR	182	VIMALA	35	F	12/19/96	00000	0110	00000	NPYA	0	1000	0000000	111	NNN	142434	102031
KHADASAMOR	125	RUKMI	40	F	12/19/96	10100	1110	00000	NPYA	0	1000	0000000	111	NNN	142434	102032
KHADASAMOR	124	MUNNI	27	F	12/19/96	00001	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KHADASAMOR	98	SAJAN	38	F	12/19/96	00000	0110	00000	NPYA	0	0000	0000000		NNN	142434	102031
KHADASAMOR	26	BHAVRI	53	F	12/19/96	00100	0110	00000	NPYA	0	0000	0000000	101	NNN	152434	102031
KHADASAMOR	46	NATTIU	55	M	12/19/96	00000	1010	00000	NPYA	0	0000	1000000	011	NNN	142434	102231
KHADASAMOR	29	HURJI	40	M	12/19/96	00000	0100	00001	NPYA	0	0000	0000000	011	NNN	152535	102030
KHADASAMOR	26	VALJI	28	M	12/19/96	10100	0000	00000	NPYA	0	0000	0000000	101	NNN	152534	102030
KHADASAMOR	129	KODER	39	M	12/19/96	00001	0010	00010	NPYA	0	0000	0000000	111	NNN	142434	142030
KHADASAMOR	48	HERJI	50	M	12/19/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KHADASAMOR	36	NARAYANDAS	45	M	12/19/96	00000	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102331
KHADASAMOR	318	PADEMJI	60	M	12/19/96	00000	0010	00000	NPYA	0	0000	0000000	011	NNN	142434	112031
KHADASAMOR	51	KADOV	52	F	12/19/96	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	152535	102031
KHADASAMOR	158	CHAMPA	70	F	12/19/96	00010	1111	00000	NPYA	0	0000	1000000	101	NNN	142434	102031
KHADASAMOR	152	DAVAG	60	M	12/19/96	00010	0000	00000	NPYA	0	0000	0000000	111	NNN	142535	102030
KHADASAMOR	80	DALJI	20	M	12/19/96	00000	0010	00000	NPYA	0	0000	0000000	011	NNN	152535	112030
KHADASAMOR	55	BHAMJI	52	M	12/19/96	10011	0000	00000	NPYA	0	0000	1000000	101	NNN	142434	112031
KHADASAMOR	302	LOVEJI	70	M	12/19/96	00000	0110	00000	NPYA	0	0000	0010000	001	NNN	152435	102230
KHADASAMOR	174	SHKULAL	65	M	12/19/96	00001	0100	00000	NPYA	0	0000	0000000	101	NNN	142434	102232
KHADASAMOR	151	GOPALJI	60	M	12/19/96	00010	1100	00000	NPYA	0	0000	1000000	000	NNN	152534	102031
KHADASAMOR	91	DAVJI	40	F	12/19/96	00101	0000	00001	NPYA	0	0000	0000000	011	NBN	142535	102031
KHADASAMOR	158	KAMLASHVER	45	M	12/19/96	00001	1000	00000	NPYA	0	0000	0000000	111	NNN	152535	102232
KHADASAMOR	158	ANIL	15	M	12/19/96	00100	0010	00011	NPYA	0	0000	0000000	011	NNN	142434	102031
KHADASAMOR	158	DAVREKI	40	F	12/19/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KHADASAMOR	80	VALJI	50	M	12/19/96	10001	1010	00000	NPYA	0	0000	0000000	111	NNN	152534	102031
KHADASAMOR	288	DASANT	53	M	12/19/96	10011	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
KHADASAMOR	129	KAVELJI	60	M	12/19/96	00001	1100	00001	NPYA	0	0000	1010000	000	NNN	152535	102031

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KHADASAMOR	121	KACHRU	65	M	12/19/96	00000	0110	00000	NPYA	0	0000	0000000	101	NNN	152535	102031
KHADASAMOR	299	DAVKISHAN	70	M	12/19/96	00000	0010	00000	NPYA	0	0000	0000000	101	NNN	142434	122031
KHADASAMOR	305	SANTOSH	15	F	12/19/96	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	152535	102031
KHADASAMOR	192	NARAYANLAL	40	M	12/19/96	00000	0000	00000	NPYA	0	0000	0000000	101	NNN	152535	102032
KHADASAMOR	174	SITA	55	F	12/19/96	10000	1000	00000	NPYA	0	0001	0000000	111	NNN	152535	102031
KHADASAMOR	12	LILA	60	F	12/19/96	00000	1111	00000	NPYA	0	0000	1000000	001	NNN	132333	102031
KHADASAMOR	87	MATTI	48	M	12/19/96	10100	1000	00000	NPYA	0	0001	0000000	011	NNN	152535	102031
KHADASAMOR	286	VALJI	38	M	12/19/96	00000	1010	00000	NPYA	0	0000	0000000	011	NNN	142434	142030
KHADASAMOR	46	DAVENDRA	9	M	12/19/96	10100	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102030
KHADASAMOR	56	LOVEJI	50	M	12/19/96	00000	0110	00000	NPYA	0	0000	0000000	111	NNN	152534	132032
KHADASAMOR	325	MOTI	50	F	12/19/96	10000	0000	10000	NPYA	0	0000	0000000	011	NNN	152534	102031
KHADASAMOR	190	DAYASHANKER	53	M	12/19/96	00000	0100	00000	NPYA	0	0000	0000000	001	NNN	152534	102232
KHADASAMOR	268	KAMALA	35	F	12/19/96	10000	1010	00000	NPYA	0	0000	0000000	111	NBN	142534	102032
KHADASAMOR	268	BHAISHANKER	46	M	12/19/96	00000	0110	00001	NPYA	0	0000	0000000	111	NNN	142434	102031
KHADASAMOR	314	KASHVELAL	37	M	12/19/96	00001	0000	00000	NPYA	0	0000	0000000	001	NNN	142434	102031
KHADASAMOR	49	HAKER	60	F	12/19/96	00011	0101	00000	NPYA	0	0000	1000000	001	NNN	132333	102031
KHADASAMOR	46	NANI	54	F	12/19/96	10011	0100	00000	NPYA	0	0001	0000000	001	NNN	142434	102032
KHADASAMOR	86	DAVALAL	20	M	12/19/96	00110	0000	00001	NPYA	0	0000	0000000	011	NNN	142535	102031
KHADASAMOR	126	MANILAL	56	M	12/19/96	00000	0100	00000	NPYA	0	0000	0000000	111	NNN	152535	142031
KHADASAMOR	93	JIRALAL	40	M	12/19/96	00000	0110	00011	NPYA	0	0000	0000000	011	NNN	152535	102231
KHADASAMOR	173	KAMAL	32	M	12/19/06	00010	0100	00000	NPYA	0	0000	0000000	011	NNN	152535	102031
KHADASAMOR	102	JEV	36	F	12/19/96	00001	0110	00000	NPYA	0	0000	0000000	111	NNN	152535	102032
SULAI	95	NAGJI	47	M	1/16/97	00000	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	142033
SULAI	158	KHATRA	70	M	1/16/97	10001	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
SULAI	5	NATHU	60	M	1/16/97	00100	0100	00000	NPYA	0	0000	0000000	111	NBN	102030	103031
SULAI	107	KANTA	30	F	1/16/97	00001	0100	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GHATA	5	HURJI	66	M	1/16/97	00100	1110	00001	NPYA	0	0000	0000000	001	NNN	142434	132032
GHATA	5	JEAVE	52	F	1/16/97	00011	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102032
GHATA	5	KANTA	25	F	1/16/97	10000	0110	00000	NPYA	0	1000	0000000	111	NNN	142434	102031
GHATA	37	RATNA	38	M	1/16/97	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	112031
GHATA	37	POJI	33	F	1/16/97	00100	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GHATA	36	MANGLA	63	F	1/16/97	00010	1110	00010	NPYA	0	0000	0000001	001	NNN	142434	112030
GHATA	64	HUKA	53	M	1/16/97	00000	0010	00000	NPYA	0	0000	0000000	001	NNN	142434	112031
GHATA	64	KAMLA	45	F	1/16/97	00000	0110	00000	NPYA	0	1000	0000000	011	NNN	142434	102031
GHATA	41	HAKRA	68	M	1/16/97	00000	1010	00000	NPYA	0	0000	0000000	001	NNN	142434	122031
GHATA	3	SUSHILA	30	F	1/16/97	10011	1110	00001	NPYA	0	1000	0000000	111	NNN	142434	102031
GHATA	6	HURMA	33	M	1/16/97	00001	1000	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GHATA	3	SHANKER	35	M	1/16/97	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	152434	132032
GHATA	44	KHOMAN	63	F	1/16/97	00000	0110	00000	NPYA	0	0000	0010000	011	NNN	142434	102031
GHATA	44	PEMJI	68	M	1/16/97	00000	0010	00000	NPYA	0	0000	1000000	101	NNN	142434	132031
GHATA	8	CHANDA	38	F	1/16/97	00000	0110	00010	NPYA	0	0000	0000000	111	NNN	142434	102032
GHATA	60	VAGJI	40	M	1/16/97	00000	0000	00011	NPYA	0	0000	0000000	011	NNN	142434	132032
GHATA	8	DEEPIKA	21	F	1/16/97	00000	0100	00000	NPYA	0	0000	0000000	111	NNN	142434	102032
GHATA	9	PEMJI	55	M	1/16/97	00001	1110	00000	NPYA	0	0000	0000000	001	NBN	142434	102130

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
GHATA	60	KANTA	35	F	1/16/97	10100	0110	00000	NPYA	0	0001	0000000	111	NNN	142434	102031
GHATA	53	JAGENNATH	60	M	1/16/97	00000	0010	00000	NPYA	0	0000	1000000	011	NNN	142434	122032
GHATA	52	NAGAR	68	F	1/16/97	10100	0100	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
GHATA	58	MAVJI	45	M	1/16/97	10001	1010	00000	NPYA	0	0000	0000000	001	NNN	142434	122031
GHATA	58	HAKER	30	F	1/16/97	00100	1100	00001	NPYA	0	0000	0000000	011	NNN	142434	102031
GHATA	15	AMERJI	60	M	1/16/97	10100	1010	00000	NPYA	0	0000	0000000	011	NBB	142434	102030
GHATA	15	HAKRI	55	F	1/16/97	00101	0110	00001	NPYA	0	0100	0010000	011	NNN	142434	102031
GHATA	102	KURIA	44	M	1/16/97	10000	0010	00001	NPYA	0	0000	0000000	011	NNN	142434	122031
GHATA	102	VADEN	41	F	1/16/97	00101	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102030
GHATA	57	MANJI	35	M	1/16/97	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	152534	112031
GHATA	63	MOTI	30	F	1/16/97	00101	0110	00000	NPYA	0	1100	0000000	011	NNN	142434	102031
GHATA	31	KAMLA	38	F	1/16/97	10101	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GHATA	79	FULI	48	F	1/16/97	00100	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102030
GHATA	43	NANA	38	M	1/16/97	00000	1010	00000	NPYA	0	0000	0000000	011	NNN	142434	122031
GHATA	86	LAXMAN	34	M	1/16/97	00000	1110	00000	NPYA	0	0000	0000000	111	NNN	142434	102030
GHATA	74	HAKRI	65	F	1/16/97	10001	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102030
GHATA	50	RUP	70	F	1/16/97	00000	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GHATA	67	VILU	30	F	1/16/97	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GHATA	32	NANI	53	F	1/16/97	00000	1110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GHATA	11	MEERA	45	F	1/16/97	00101	0100	00001	NPYA	0	0000	1010000	001	NNN	142434	102030
GHATA	49	HAKRI	42	F	1/16/97	00000	0110	00000	NPYA	0	0001	1000000	011	NNN	142434	102031
GHATA	38	MOOGI	43	F	1/16/97	00000	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
GHATA	51	JEVLI	31	F	1/16/97	10000	1010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GHATA	23	BIHURI	50	F	1/16/97	00101	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
GHATA	38	HEERA	45	M	1/16/97	00000	0000	00000	NPYA	0	0000	0000000	111	NNN	142434	102030
GHATA	48	SHARDA	25	F	1/16/97	00000	0110	00000	NPYA	0	1000	0000000	111	NNN	142434	102031
GHATA	62	RAMU	40	F	1/16/97	00000	1010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GHATA	83	SHANTA	38	F	1/16/97	00100	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GHATA	4	AMRI	33	F	1/16/97	00000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GHATA	97	MEERA	34	F	1/16/97	00100	0110	00000	NPYA	0	0001	0000000	111	NNN	142434	102031
GHATA	101	NANI	46	F	1/16/97	10000	0010	00000	NPYA	0	0000	0000000	111	NNN	142434	102031
GHATA	93	PUNJI	68	F	1/16/97	00000	0000	00000	NPYA	0	0000	0000000	011	NNN	142434	102031
GHATA	100	ITLI	65	F	1/16/97	00000	0100	00000	NPYA	0	0000	0000000	001	NNN	142434	102031
GHATA	104	THAVERI	40	F	1/16/97	00000	0110	00000	NPYA	0	0000	0000000	011	NNN	142434	102030
GHATA	77	DELJI	68	M	1/16/97	00000	0000	00000	NPYA	0	0000	0000000	000	NNN	142434	102231
GHATA	2	RUPJI	47	M	1/16/97	00000	0110	00000	NPYA	0	0000	0000000	001	NNN	142434	102231
GHATA	2	MEVA	45	F	1/16/97	00000	0110	00000	NPYA	0	0000	0000000	111	NNN	142434	102030
GHATA	5	HURJI	66	M	1/16/97	00100	1110	00001	NYPA	0	0000	0010000	001	NNN	142434	132031
GHATA	60	WAGJI	40	M	1/16/97	00001	1100	00011	NYPA	0	0000	0000000	111	NNN	142434	132032
GHATA	60	KANTA	35	F	1/16/97	00101	1110	00000	NYPA	0	0000	0000000	111	NNN	142434	102031
GHATA	23	BHURI	50	F	1/16/97	10101	0110	00000	NYPA	0	0000	0000000	011	NNN	142434	102031

1 = No relief      3 = Complete relief  
 2 = Partial relief

## RAW DATA (POST-INTERVENTION PHASE)

VILLAGE	HOUSE NO	NAME	AGE	SEX	GIT	MSS	NEU SYMP	FIELD	URINEPH	URINEFL
1	2	3	4	5	6	7	8	9	10	11
KOLKHANDA	105	GALJI	60	M	00000	0310	00011	010	0	0
KOLKHANDA	114	JAVER	40	F	10003	1110	00000	00*	0	0
KOLKHANDA	111	DALU	45	F	00003	0010	00000	001	0	0
KOLKHANDA	93	DALJI	52	M	00000	0110	00000	001	0	0
KOLKHANDA	83	ROOPI	28	F	00101	1010	00000	011	0	0
KOLKHANDA	97	KADUA	50	F	00103	0000	00000	011	0	0
KOLKHANDA	1	RAKESH	22	M	00011	0000	00000	101	0	0
KOLKHANDA	10	BABLI	40	F	10001	1010	00000	001	0	0
KOLKHANDA	14	JADVI DEVI	0	F	10000	1010	00000	001	0	0
KOLKHANDA	92	JASU	15	F	10000	1000	00000	001	0	0
KOLKHANDA	3	PRABHULAL	76	M	30023	0100	00000	011	0	0
KOLKHANDA	98	NATHULAL	0	M	00000	1100	00000	001	0	0
KOLKHANDA	98	VALEG	48	M	00000	1010	10000	001	0	0
KOLKHANDA	110	PREMA	48	F	10101	1000	00000	121	0	0
KOLKHANDA	33	JAMNA DEVI	70	F	00000	0110	00000	001	0	0
KOLKHANDA	91	RATANJI	65	M	00000	0010	00000	001	0	0
KOLKHANDA	30	ANTA DEVI	40	F	10011	3000	00000	111	0	0
KOLKHANDA	33	PRATAP	75	M	00000	0010	00000	001	0	0
KOLKHANDA	37	KEVNATH	40	M	10000	0200	00000	011	0	0
KOLKHANDA	28	RATAN	28	F	00011	0110	00000	011	0	0
KOLKHANDA	105	NANI	32	F	00000	0010	00000	011	0	0
KOLKHANDA	109	ROOPI	50	F	00110	0000	00000	111	0	0
GHATA	102	PURIA	44	M	10010	0010	10101	011	0	0
GHATA	36	MANGLA	63	M	00011	1110	10010	001	0	0
GHATA	37	POJI	33	F	00100	0110	00000	111	0	0
GHATA	48	SHARDA	25	F	10000	0110	00000	111	0	0
GHATA	31	KAMLA	38	F	10101	0010	00000	111	0	0
GHATA	38	MONI	43	F	00100	0110	00000	011	0	0
GHATA	37	RATNA	38	M	00100	0010	00000	111	0	0
GHATA	9	PEMI	55	M	00011	1110	00000	001	0	0
GHATA	3	SUSHILA	34	F	10111	1110	00002	111	0	0
GHATA	15	HAKRI	55	F	00101	0110	00001	211	0	0
GHATA	74	HAKRI	65	F	10101	0110	00000	*11	0	0
GHATA	44	KHOMAN	63	F	10000	0120	00000	011	0	0
GHATA	8	CHANDA	35	F	10000	0110	00010	111	0	0
GHATA	32	NANI	53	F	00001	1110	00000	111	0	0
GHATA	2	ROOPI	47	M	00000	0110	00000	001	0	0
GHATA	8	DEEPIKA	32	F	00000	0200	00000	111	0	0
GHATA	50	ROOP	70	F	10000	0110	00000	*11	0	0
GHATA	49	HAKRI	42	F	00000	0110	00000	011	0	0
GHATA	51	JEEVLI	31	F	10100	1010	00000	111	0	0
GHATA	52	NAGAR	65	F	10111	0100	00000	011	0	0
GHATA	101	NANI	45	F	10101	0010	00000	111	0	0
GHATA	102	BADAN	41	F	00101	0110	00000	111	0	0
GHATA	5	JEEVE	52	F	10001	0110	00000	111	0	0
GHATA	104	THAVRI	40	F	00000	0110	00000	011	0	0
GHATA	2	MEVA	45	F	00001	0110	00000	111	0	0
GHATA	5	HURJI	66	M	00101	1110	00001	001	0	0
GHATA	60	BAGHJI	40	M	00001	1100	00011	211	0	0
GHATA	60	KANTA	35	F	00101	1110	00000	111	0	0
GHATA	23	BHOORI	50	F	10101	0110	00000	011	0	0
SAMOTA	31	NARAYAN	24	M	00000	1000	00000	111	0	0
SAMOTA	37	HEERALAL	22	M	00003	1010	00000	011	0	0
SAMOTA	53	HEERALAL	40	M	00023	0020	00000	101	0	0
SAMOTA	17	TEJU	34	M	00002	2000	00000	011	0	0
SAMOTA	17	PARI	30	F	00003	2000	00000	111	0	0
SAMOTA	15	HUMA	36	F	30200	2200	00000	011	0	0
SAMOTA	3	VADI	60	F	00000	3000	00000	021	0	0
SAMOTA	63	NAVAL	60	F	00300	2200	00000	221	0	0
SAMOTA	2	MEERA	26	F	00300	2220	00000	111	0	0
SAMOTA	58	KESAR	27	F	00113	2000	00000	211	0	0
SAMOTA	62	PUJI	45	F	20000	3300	00000	211	0	0

1	2	3	4	5	6	7	8	9	10	11
SAMOTA	4	SURYAKANTA	25	F	00000	0210	00010	011	0	0
SAMOTA	53	DAYA	19	F	20000	2020	00000	111	0	0
SAMOTA	5	ROOP	42	F	00300	2200	00200	211	0	0
SAMOTA	6	KURI	66	F	00302	2200	00201	100	0	0
SAMOTA	4	SHAKUNTALA	27	F	30333	2220	00000	211	0	0
SAMOTA	9	GOMAN	75	F	00200	0220	00002	111	0	0
SAMOTA	10	LEEMNI	34	F	00300	2200	00300	211	0	0
SAMOTA	60	JAMNA	70	F	20003	2221	00000	001	0	0
SAMOTA	11	GANGA	36	F	03003	2220	00031	001	0	0
SAMOTA	9	SAPAJI	80	M	00000	2020	20000	111	0	0
SAMOTA	55	MOGJI	40	M	00000	0300	00000	011	0	0
SAMOTA	56	HAMRI	55	F	30202	1111	01111	000	0	0
SAMOTA	12	GHAVRA	50	M	00000	0110	00000	100	0	0
SAMOTA	56	RATNA	60	M	00000	1110	00000	001	0	0
SAMOTA	34	BHANJI	50	M	20103	2020	00020	001	0	0
SAMOTA	64	NANJI	65	M	00000	1110	00002	011	0	0
SAMOTA	64	NANI	50	F	10002	2221	00222	001	0	0
SAMOTA	2	LEELA	10	F	00000	0000	00000	111	0	0
SAMOTA	21	VARJU	60	F	00000	0020	01200	001	0	0
SAMOTA	22	KADAV DEVI	50	F	00000	2220	00000	021	0	0
SAMOTA	52	ROOPSI	60	M	20023	2220	00103	012	0	0
SAMOTA	28	DHULA	35	M	00000	2000	00000	211	0	0
SAMOTA	45	MOHAN	25	M	30003	0000	00000	111	0	0
SAMOTA	40	LAXMI	36	F	30000	2220	00002	011	0	0
SAMOTA	46	DEVRAM	35	M	00000	1010	00000	201	0	0
SAMOTA	19	SHANTI	40	F	00300	2220	00001	111	0	0
SAMOTA	38	HURAJ	35	F	20003	2220	00000	211	0	0
SAMOTA	35	HUKI	37	F	30201	2220	00033	011	0	0
SAMOTA	46	BHIKA	7	M	00000	0000	00000	111	0	0
SAMOTA	42	SHANTI	30	F	00300	3330	00030	011	0	0
SAMOTA	25	SHARDA	35	F	30300	2220	00000	211	0	0
SAMOTA	31	MANDEVI	45	F	20202	2220	00002	221	0	0
SAMOTA	27	MOTILAL	40	M	00000	0320	00010	001	0	0
SAMOTA	27	NANI	40	F	00000	3310	00000	011	0	0
SAMOTA	5	DHANA	45	M	20000	1111	11000	000	0	0
SAMOTA	40	HURJI	40	M	00002	1000	00000	111	0	0
SAMOTA	16	SHANTI	19	F	00300	2000	00000	211	0	0
HARMATIA	33	KESARLAL	32	M	00100	0220	00000	211	0	0
HARMATIA	58	MEGHRAJ	16	M	01101	1110	00111	101	0	0
HARMATIA	60	HAKER	35	F	00300	0000	00000	111	0	0
HARMATIA	5	LALJI	60	M	00000	0000	00002	111	0	0
HARMATIA	32	HAJAN	60	F	20300	0310	00000	211	0	0
HARMATIA	32	LALJI	30	M	20003	3000	00000	011	0	0
HARMATIA	83	HAKRA	70	M	30000	2221	00003	001	0	0
HARMATIA	6	KURI	55	F	00203	0300	00000	011	0	0
HARMATIA	30	DEVLI	60	F	10030	0000	00000	011	0	0
HARMATIA	36	NATHU	30	M	00000	0200	00010	211	0	0
HARMATIA	31	MOTI	30	F	30203	3330	00000	111	0	0
HARMATIA	42	NATHULAL	28	M	00000	0000	00000	011	0	0
HARMATIA	34	GOMAN	50	F	00200	1110	00100	211	0	0
HARMATIA	23	HAKRIDEVI	45	F	30303	1111	00100	011	0	0
HARMATIA	84	LAXMI	24	F	00000	0330	00000	111	0	0
HARMATIA	53	RAMCHAND	30	M	30300	0220	00000	121	0	0
HARMATIA	51	KALI	65	F	00003	0220	00002	021	0	0
HARMATIA	50	MAHENDRA	35	M	00000	0001	00000	100	0	0
HARMATIA	34	GOMNA	60	M	00000	0220	00000	101	0	0
VASUNDARBADI	21	OMKARJI	65	M	00002	0200	00000	011	0	0
VASUNDARBADI	100	KEVALJI	65	M	00000	1010	00000	001	0	0
VASUNDARBADI	104	VELJI	62	M	00100	0000	00001	011	0	0
VASUNDARBADI	105	SHANKERLAL	65	M	00002	0330	00000	011	0	0
VASUNDARBADI	105	KESARBAI	60	F	00000	0110	00000	001	0	0
VASUNDARBADI	125	MANOHARSINGH	60	M	00003	0100	00010	111	0	0
VASUNDARBADI	97	SARSI	48	F	00000	0110	00002	111	0	0
VASUNDARBADI	18	BHAVANI SINGH	37	M	00003	0000	00000	011	0	0
VASUNDARBADI	12	KURAJ	62	F	00203	0100	00002	000	0	0
VASUNDARBADI	14	ANAND KUNWAR	48	F	00303	1110	00001	110	0	0
VASUNDARBADI	66	KURAJ KUNWAR	66	F	30323	1110	00000	111	0	0
VASUNDARBADI	62	GULAB KUNWAR	40	F	00030	0220	00000	111	0	0
VASUNDARBADI	20	SADAN KUNWAR	43	F	30033	0000	00000	011	0	0

1	2	3	4	5	6	7	8	9	10	11
VASUNDARBADI	63	SAJU KUNWAR	38	F	00030	2220	00000	011	0	0
VASUNDARBADI	78	RATAN	35	F	00300	0000	00000	010	0	0
VASUNDARBADI	123	GULAB KUNWAR	48	F	30022	1110	00000	011	0	0
VASUNDARBADI	99	LEELARAM	32	M	00000	0110	00000	001	0	0
VASUNDARBADI	148	UMMED SINGH	55	M	00000	0020	00000	111	0	0
VASUNDARBADI	56	BHAGU KUNWAR	28	F	00000	0330	00300	111	0	0
VASUNDARBADI	69	SABU KUNWAR	35	F	00000	0030	00000	011	0	0
VASUNDARBADI	45	HATI	63	F	30000	0000	00000	011	0	0
VASUNDARBADI	62	DHOOL SINGH	42	M	00000	0020	00000	111	0	0
VASUNDARBADI	6	NATI	43	F	00000	0000	00000	011	0	0
VASUNDARBADI	139	DHULSINGH	50	M	00000	2200	00000	011	0	0
VASUNDARBADI	18	KESHAR	62	F	30003	0000	00000	111	0	0
VASUNDARBADI	18	METU KUNWAR	37	F	00000	0010	00000	011	0	0
VASUNDARBADI	51	KAMU KUNWAR	28	F	00000	2200	00000	011	0	0
VASUNDARBADI	50	ANDAR KUNWAR	25	F	00000	0220	00000	111	0	0
VASUNDARBADI	21	KANKU	63	F	00302	2220	01002	111	0	0
VASUNDARBADI	97	RATANLAL	57	M	00000	0020	00000	011	0	0
VASUNDARBADI	141	SASI KUNWAR	35	F	20312	1110	00000	011	0	0
VASUNDARBADI	135	GAMIR KUNWAR	55	F	00003	2000	00000	011	0	0
VASUNDARBADI	135	KISHOR SINGH	63	M	00000	1020	00001	001	0	0
VASUNDARBADI	108	RAJESH	13	M	00000	3000	00001	111	0	0
VASUNDARBADI	99	GAMIR	60	F	00000	1111	00001	101	0	0
VASUNDARBADI	38	SURAJ	57	M	30003	2220	00000	011	0	0
VASUNDARBADI	52	HADU KUNWAR	43	F	00030	0000	00000	111	0	0
VASUNDARBADI	113	HURAJ	38	F	00300	2220	00000	111	0	0
VASUNDARBADI	101	GANGARAM	56	M	00003	0100	00000	011	0	0
VASUNDARBADI	104	DEVCHAND	25	M	00003	0000	00100	111	0	0
VASUNDARBADI	16	CHAMNI KUNWAR	38	F	00000	0200	00000	111	0	0
VASUNDARBADI	11	KAMLA DEVI	25	F	30000	2000	00000	111	0	0
VASUNDARBADI	12	KAMLA	23	F	00000	0020	00000	111	0	0
VASUNDARBADI	1	MOGI	53	F	30030	0000	00000	011	0	0
VASUNDARBADI	27	BANU KUNWAR	36	F	00000	0000	00000	111	0	0
DUNGRAFALAN	61	KALI	25	F	00300	0300	00000	111	0	0
DUNGRAFALAN	70	RUKMANI	25	F	30303	0000	00003	111	0	0
DUNGRAFALAN	60	SAVITA	30	F	10100	2200	00010	111	0	0
DUNGRAFALAN	36	DAULI	65	F	10003	1100	00000	211	0	0
DUNGRAFALAN	23	LEELA	35	F	00000	0330	00000	211	0	0
DUNGRAFALAN	28	KANTA	35	F	10101	2200	00100	111	0	0
DUNGRAFALAN	36	SHARDA	40	F	00003	3320	00000	211	0	0
DUNGRAFALAN	24	GANGA	35	F	03111	3330	00001	111	0	0
DUNGRAFALAN	31	NANI DEVI	35	F	20000	0200	00000	111	0	0
DUNGRAFALAN	41	RUPA	36	F	00303	2220	00000	111	0	0
DUNGRAFALAN	14	RAMA	45	M	20330	0000	00000	201	0	0
DUNGRAFALAN	68	AMRAT	24	F	00202	0020	00002	111	0	0
DUNGRAFALAN	68	KASAR MOHAN	55	F	00202	0220	00000	211	0	0
DUNGRAFALAN	83	AMRAT	43	F	20200	0020	00000	211	0	0
DUNGRAFALAN	1	DURGA	35	F	20300	0220	00000	211	0	0
DUNGRAFALAN	1	VASUDAV	29	M	30000	0000	00003	021	0	0
DUNGRAFALAN	10	KARMA BAVA	60	F	00000	2200	00030	111	0	0
DUNGRAFALAN	16	FAKARI	33	F	30003	0300	00000	111	0	0
DUNGRAFALAN	20	MADHU	35	F	00000	0200	00020	111	0	0
DUNGRAFALAN	20	DHALI	60	F	00003	0110	00000	011	0	0
DUNGRAFALAN	21	DEEP	60	F	00102	2120	00300	221	0	0
DUNGRAFALAN	21	HAKARA	65	M	00033	0212	00000	101	0	0
DUNGRAFALAN	85	NAGI	50	M	30000	0110	10000	111	0	0
GHIATAGERA	6	SOMI	38	F	30003	3000	00000	211	0	0
GHIATAGERA	4	HARISH	40	F	00000	0000	00000	011	0	0
GHIATAGERA	47	AMARA	70	M	00000	0200	00003	121	0	0
GHIATAGERA	54	ITALY	40	F	00000	0000	00000	221	0	0
GHIATAGERA	12	DHAVARI	55	F	10303	1110	00030	211	0	0
GHIATAGERA	14	EIR	39	F	20003	0330	00030	111	0	0
GHIATAGERA	3	NARDA	42	F	23300	2220	00000	111	0	0
GHIATAGERA	51	LAXMAN	40	M	00000	0330	00000	011	0	0
GHIATAGERA	51	LAXMI	39	F	00300	3000	00032	011	0	0
GHIATAGERA	7	DHAVARA	60	M	10011	0010	10001	001	0	0
GHIATAGERA	6	SUMI	20	F	00000	0000	00000	111	0	0
GHIATAGERA	52	MADNIA	55	M	00000	0000	00000	011	0	0
GHIATAGERA	9	VIRJI	40	M	00000	2220	00003	111	0	0
GHIATAGERA	46	RUPA	46	M	00001	0000	00000	111	0	0

1	2	3	4	5	6	7	8	9	10	11
GHATIAGERA	49	SAMPA	35	F	00101	1110	00000	011	0	0
GHATIAGERA	42	SAJAN	30	F	00101	0110	00000	111	0	0
GHATIAGERA	12	THAVARA	60	M	00010	1000	00000	011	0	0
RAJNA	143	ANOOP KAWAR	72	F	21000	0000	10000	001	0	0
RAJNA	120	DHAPU	40	F	30033	1110	00000	111	0	0
RAJNA	144	ESHWAR SINGH	28	M	00223	0330	00000	121	0	0
RAJNA	125	MANJI	30	M	00000	0330	00000	011	0	0
RAJNA	50	LALJI	25	M	11111	2220	00002	101	0	0
RAJNA	166	LAXMAN SINGH	55	M	00003	2230	00010	001	0	0
RAJNA	97	NATHU	52	M	00002	0000	00000	011	0	0
RAJNA	97	PARVATI	45	F	30103	0230	00001	022	0	0
RAJNA	94	NATHU	60	M	00000	3000	00000	111	0	0
RAJNA	48	WAKAT	45	F	00000	2200	00000	011	0	0
RAJNA	52	MAUJI	60	F	00101	1111	00001	000	0	0
RAJNA	147	DHANU	60	F	00033	0200	00003	011	0	0
RAJNA	112	GALAL	50	F	30000	0220	00000	021	0	0
RAJNA	125	DHAPU	25	F	22000	1110	00000	011	0	0
RAJNA	131	NATHU	79	M	00000	1101	00000	111	0	0
RAJNA	47	GANGA	37	F	00000	1000	00020	011	0	0
RAJNA	39	MOTI	0	F	30033	1010	00000	011	0	0
RAJNA	50	MANJU	22	F	00000	0000	00000	111	0	0
RAJNA	70	GANGA	28	F	00003	0010	00003	011	0	0
RAJNA	87	JAVAR	34	F	00000	0200	00000	011	0	0
RAJNA	66	RUPASH	55	M	20000	0220	00011	011	0	0
RAJNA	81	DAVJI	45	M	00000	1200	00000	211	0	0
RAJNA	69	KASHAR	61	F	30000	3300	00003	111	0	0
RAJNA	96	DAVRAM	37	M	00000	0020	00000	111	0	0
RAJNA	100	DHULI	35	F	30000	2000	00000	111	0	0
RAJNA	91	MANI	40	F	00000	0101	00000	022	0	0
RAJNA	101	JEEV	50	F	00003	0020	00000	011	0	0
RAJNA	174	HAKAR	40	M	00000	2200	00000	001	0	0
RAJNA	174	MGJI	45	M	30230	2220	20002	101	0	0
RAJNA	170	CHANDAN KAWAR	50	F	11111	2222	00000	111	0	0
RAJNA	166	ANOOP	45	F	00011	0200	00000	211	0	0
RAJNA	162	GAMIR	45	F	00000	0200	00000	111	0	0
RAJNA	149	MOTI GIRI	55	M	10000	0020	00000	111	0	0
RAJNA	70	MANJI	32	M	00000	0200	00010	211	0	0
RAJNA	86	DAVJI	40	M	00300	2200	00000	111	0	0
RAJNA	106	NATHU	45	M	00000	2022	00000	111	0	0
RAJNA	61	BHURA	50	M	30000	2202	00001	121	0	0
RAJNA	157	NATHU	50	M	00303	1110	00000	011	0	0
RAJNA	89	NATHU	35	M	03300	3310	00032	111	0	0
GEHUN WADA	1	MONA KAWAR	40	F	20000	3330	00000	011	0	0
GEHUN WADA	143	GAJRAJ SINGH	26	M	00000	0200	00000	011	0	0
GEHUN WADA	38	RATAN SINGH	80	M	00032	2010	00000	101	0	0
GEHUN WADA	38	CHATAR KAWAR	75	F	00000	0200	00000	011	0	0
GEHUN WADA	46	HARANDAR SINGH	18	M	00000	0000	00000	111	0	0
GEHUN WADA	77	KKASAR KAWAR	50	F	30000	0110	00000	011	0	0
GEHUN WADA	80	SURYA KAWAR	35	F	11111	2021	03000	011	0	0
GEHUN WADA	77	GAMIR SINGH	60	M	00030	2220	00000	011	0	0
GEHUN WADA	37	PUR SINGH	42	M	00003	0300	00000	111	0	0
GEHUN WADA	69	ANOOP SINGH	65	M	00000	3230	00000	021	0	0
GEHUN WADA	39	KAMAN KAWAR	40	F	30300	1100	01100	011	0	0
GEHUN WADA	115	KHAMJI	48	M	00000	0020	30033	101	0	0
GEHUN WADA	115	HAJU DEVI	50	F	10000	0200	00000	111	0	0
GEHUN WADA	118	ITUKKA	55	M	00010	0020	00000	111	0	0
GEHUN WADA	118	SABLI DEVI	60	F	30302	1120	00001	011	0	0
GEHUN WADA	130	KALAVATI	28	F	30233	0200	00000	111	0	0
GEHUN WADA	121	DAULA	65	M	10022	0220	00030	101	0	0
GEHUN WADA	128	BHARTI DEVI	36	F	00003	0020	00000	211	0	0
GEHUN WADA	49	KISHOR SINGH	65	M	00000	0200	00003	111	0	0
GEHUN WADA	43	SAJAN SINGH	62	M	00000	0200	00000	111	0	0
GEHUN WADA	44	SOHAN KAWAR	35	F	00000	0210	00000	111	0	0
GEHUN WADA	24	MOHAN KAWAR	35	F	12111	2220	02000	011	0	0
GEHUN WADA	53	SURAJ KAWAR	50	F	00010	0010	0200	010	0	0
GEHUN WADA	54	TOAMU KAWAR	30	F	00000	0030	0000	111	0	0
GEHUN WADA	32	DAVENDAR KAWAR	30	F	00003	0030	0000	111	0	0
GEHUN WADA	17	KAMALA KAWAR	40	F	00000	2220	00200	011	0	0
GEHUN WADA	29	KALASHI KAWAR	32	F	00000	0020	00000	111	0	0

1	2	3	4	5	6	7	8	9	10	11
GEHUN WADA	27	VISHNU KAWAR	30	F	00000	3000	00011	011	0	0
GEHUN WADA	40	SURLA KAWAR	36	F	00003	0010	00103	211	0	0
GEHUN WADA	41	INDAR KAWAR	38	F	02001	0111	0000	111	0	0
GEHUN WADA	34	JAS KAWAR	40	F	00003	0200	0000	111	0	0
GEHUN WADA	43	BANNA KAWAR	50	F	00000	0110	0000	01*	0	0
GEHUN WADA	4	DURGA	25	F	20000	2020	0000	011	0	0
GEHUN WADA	85	NARAYAN	35	M	00003	0030	0000	111	0	0
GEHUN WADA	18	NARPAT SINGH	38	M	00000	0220	10000	111	0	0
GEHUN WADA	21	BHAVAR SINGH	35	M	00000	0000	00000	111	0	0
GEHUN WADA	21	PAPKAWAR	30	F	00033	0000	00000	211	0	0
GEHUN WADA	28	PRAKASH KAWAR	40	F	10000	0000	03000	111	0	0
GEHUN WADA	49	VJAY KAWAR	60	F	30300	0100	00002	211	0	0
GEHUN WADA	26	KASHAR KAWAR	40	F	00001	0210	00000	011	0	0
GEHUN WADA	25	CHANDR KAWAR	45	F	10030	2020	00000	111	0	0
GEHUN WADA	27	SHERMISTHA	10	F	00000	0100	00030	111	0	0
GEHUN WADA	30	RAJ KAWAR	32	F	00000	0020	00000	011	0	0
GEHUN WADA	68	KALASH KAWAR	32	F	00101	0010	00000	111	0	0
GEHUN WADA	80	LAXMAN	40	M	00021	0110	00001	111	0	0
GEHUN WADA	2	CHAMPA	30	F	00200	1100	00000	021	0	0
GEHUN WADA	3	DURGA	22	F	00110	2000	00000	111	0	0
GEHUN WADA	80	NANI	35	F	10110	1010	10000	010	0	0
GEHUN WADA	13	INDAR KAWAR	25	F	10000	0010	00000	011	0	0
GEHUN WADA	10	DAVKAWAR	35	F	00000	0010	00100	211	0	0
GEHUN WADA	8	MOHAN KAWAR	30	F	00333	0220	00000	211	0	0
MALOTAFALAN	3	HAKAR	50	F	00200	1111	00000	001	0	0
MALOTAFALAN	8	ROOP	24	F	10100	0111	00000	011	0	0
MALOTAFALAN	35	VALA MA	60	F	10000	2222	00000	112	0	0
KHEDASAMOR	288	BSDSNT	53	M	10032	0000	00000	111		
KHEDASAMOR	182	VIMLA	35	F	00000	0220	00000	111		
KHEDASAMOR	125	KESHER	45	F	00201	0220	00000	211		
KHEDASAMOR	173	KAMLA	32	M	00030	0300	00000	011		
KHEDASAMOR	104	HIR	41	F	20233	0220	00000	111		
KHEDASAMOR	114	RATAN	45	F	00300	2221	00000	101		
KHEDASAMOR	44	JAVDA	34	F	00232	0020	00000	211		
KHEDASAMOR	56	DEVLI	45	F	00300	0200	00000	011		
KHEDASAMOR	121	KACHRU	65	M	00000	0210	00000	121	0	
KHEDASAMOR	125	RUKMI	40	F	30200	2220	00000	111		
KHEDASAMOR	55	MEMJI	52	M	10031	0000	00000	101		
KHEDASAMOR	55	RUPI	48	F	00000	0120	00000	021		
KHEDASAMOR	286	BALJI	38	M	00000	3010	00000	011		
KHEDASAMOR	158	ANIL	15	M	00200	0020	00011	211		
KHEDASAMOR	190	DAYASHANKER	55	M	00000	0200	00000	001		
KHEDASAMOR	158	KUMANASHANKER	45	M	00001	1000	00000	111		
KHEDASAMOR	48	DHULI	40	F	00303	0110	00000	211		
KHEDASAMOR	324	KESHAVLAL	37	M	00002	0000	00000	001		
KHEDASAMOR	325	MOTI	50	F	20000	0000	20000	011		
KHEDASAMOR	174	SUKHILAL	65	M	00001	0100	00000	121		
KHEDASAMOR	26	NATIJU	55	F	10101	0220	00000	001		
KHEDASAMOR	50	PUJA	46	M	00000	0200	00000	111		
KHEDASAMOR	46	DEVENDRA	9	M	10200	0000	00000	111		
KHEDASAMOR	46	NANI	54	F	10032	0200	00000	021		
KHEDASAMOR	324	PARVETI	65	F	00000	0220	00000	011		
KHEDASAMOR	102	JEEV	36	F	00003	0320	00000	111		
KHEDASAMOR	98	SAJAN	38	F	00000	0220	00000	111		
KHEDASAMOR	93	HIRALAL	40	M	00000	0110	00011	011		
KHEDASAMOR	134	DHAPU	36	F	00000	0200	00001	011		
KHEDASAMOR	91	DEVJI	40	F	00203	0000	00002	011		
KHEDASAMOR	190	HIMU	20	F	00000	0200	00000	111		
KHEDASAMOR	69	DHANJI	60	M	00000	0100	00000	111		
KHEDASAMOR	87	METY	48	M	30300	1000	00000	011		
KHEDASAMOR	318	DHULI	58	F	00000	0200	00000	111		
KHEDASAMOR	60	KADUV	20	F	00000	2000	00000	111		
KHEDASAMOR	56	MAJI	50	M	00000	0210	00000	111		
KHEDASAMOR	36	NARAYANDAS	45	M	00000	0130	00000	011		
KHEDASAMOR	49	HAKER	60	F	00012	0101	00000	001		
KHEDASAMOR	51	RANJI	35	M	00000	0110	00000	111		
KHEDASAMOR	49	KAMELISHI	6	M	20000	2200	00000	111		
KHEDASAMOR	36	SHANTA	42	F	00103	0210	00000	211		
KHEDASAMOR	62	RUPI	49	F	20123	1000	00000	111		