MEGHALAYA SPRINGS ATLAS

Prepared:

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CONTENTS

Acknowledgement

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The Institute is fortunate to have a team that is committed to their roles and responsibilities, working endlessly to ensure that the project runs smoothly, achieving its purpose and objectives. The Institute proudly applauds their professionalism in executing their tasks and performing their roles willingly beyond their capabilities without any hesitation and doubts.

The Institute feels truly blessed to be among hard-working individuals. With pride, the Institute of Natural Resources wishes the very best to all those who have contributed their time and energy, without whom this report wouldn't have been made possible.

P. Sampath Kumar, IAS

Chief Executive Officer,
Meghalaya Basin Development Authority,
Shillong.

Foreword

Easy access to knowledge and relevant database is an essential pre-requisite for ensuring holistic planning and sustainable development. This is equally important for analytical decision making in course of implementation of the plan on the ground.

It is heartening to see the sustained efforts of the Meghalaya Institute of Natural Resources of Meghalaya Basin Development Authority which has led to the publication of the Atlas for "Springshed of Meghalaya". This is likely to be a very useful reference for various departments and agencies associated with the development activities particularly the water resource management in the State.

I compliment the MINR Team of MBDA under the leadership of Mr. L. Shabong, Director, MINR of MBDA for undertaking this very useful exercise and preparing the Atlas for its wider use by the all concerned.

(P. Sampath Kumar, IAS)

Preface

The Springs Atlas of Meghalaya is a well-defined book on Springshed information in all 11 districts of the state of Meghalaya. This atlas serves as an information portal or base line data whereby it can act as a Resource document for different planning activities and decisions regarding developmental activities related to Natural Resources at the Springshed level.

Springs are essential to water security, providing necessities like drinking water and feeding streams and rivers. Nearly all 6800+ villages in Meghalaya depend on springs or groundwater. Though no exercise for counting the springs in the state has been undertaken so far but according to rough estimates the number of springs in the state may be over 70,000. It was observed that springs ranges from 5-15 Nos. per springshed.

The initiatives primarily includes inventorisation works i.e. hydrological mapping of springsheds followed by the preparation of a comprehensive springshed development plan for rejuvenation of springs through interventions like construction of recharge trenches, development of spring chambers, fencing to prevent pollution, afforestation and livelihood activities for rehabilitating a section of the community engaged in charcoal burning, quarrying etc, activities which are detrimental to the springs. The perspective plan for scaling up and rejuvenating the 70000 Nos. of springs in the state will be achieved through other convergence of Programs like Megha-LAMP IFAD funded Project under NRM component; Community Led Landscape Management Project funded by World Bank, NRM component of MGNREGS, Integrated Watershed Management Programme (IWMP), Forestry Development and Biodiversity Conservation funded by JICA, Development of JALKUNDS and Multipurpose Reservoirs.

Introduction

Meghalaya is heavily dependent on springs and groundwater with nearly all villages accessing spring water for household and irrigation use either directly from a spring or indirectly via spring- or groundwater-fed streams.

Despite high rainfall, many areas in the State face problem of water shortage. Water demand is on the rise and supply is declining possibly due to climate change, land use changes including increased diversion, pumping and groundwater exploitation, pollution of surface and ground waters, and degradation of natural recharge areas – mainly deforestation associated with mining of quarry stone, lime, coal and river sand, and loss of forest cover from tree cutting, fuel wood collection, anthropogenic fire, and rotational agriculture.

The institutional response has been focused on spring development from the supply-side (e.g. tanks and pipes); however, little has been done in terms of identification of source/recharge areas and targeted aquifer protection. But this is recognized as a problem so there is a widespread interest to mainstream hydrogeology and other scientific approaches. This includes mapping and monitoring of water resources, building stakeholder awareness and capacity, institutionalizing hydrogeology training, creating manuals and other materials, and codifying progressive groundwater management in current efforts to draft state water laws and policies.

Several governmental and civil organizations have shown interest to lead and support these efforts including the Soil and Water Conservation Department, the Water Resources Department, MeWDA, GIZ, ARGHYAM, Meghalaya Water Foundation, Meghalaya Institute of Governance and others. Meghalaya Institute of Natural Resource, under the Meghalaya Basin Development Authority has already taken initiative by conducting training programmes for the stakeholders and initiating mapping of springs. A detailed project report (DPR) for rejuvenating for dried-up springs is also being developed for accessing funds from National Adaptation Fund for climate changes (NAFCC).

Springs are essential to water security, providing necessities like drinking water & feeding rivers. Nearly all 6800+ villages in Meghalaya depend on springs or groundwater. Though no exercise for counting the springs in the state has been undertaken so far but according to the estimates the number of springs in the state may be over 70,000. Spring discharge appears to be decreasing due to groundwater exploitation, ecological degradation and possibly due to climate change. A State-wide water security initiative is being enacted to protect springs and better manage groundwater.

The initiative will include source area identification, protection and management at the village level through government support and capacity building. This includes building awareness and technical skill through dissemination and training of hydrogeology, ecological restoration and other best practices at all stakeholder levels, particularly of government decision makers, field staff, village durbars and para-professionals.

Spring Sheds

Springs are a “window” into the groundwater flows which emerge to the surface as a spring. The underground flows within a land area that contribute water to a spring vent or outlet comprise the spring shed. Cool in the summer and warm in the winter, the springs are among the most sought-after of all the state’s natural and scenic resources. As rainwater enters and recharges the aquifer, pressure is exerted on the water already in the aquifer. This pressure causes the water to move through cracks and tunnels in the aquifer. Sometimes this water flows out naturally to the land surface at places called springs. When the Openings are large, spring flow may become the source of rivers.

A spring may be the result of karst topography where surface water has infiltrated the Earth's surface (recharge area), becoming part of the area ground water. The ground water then travels through a network of cracks and fissure-Openings ranging from inter granular spaces to large caves. The water eventually emerges from below the surface, in the form of a karst spring.

The forcing of the spring to the surface can be the result of a confined aquifer in which the recharge area of the spring water table rests at a higher elevation than that of the outlet. Spring water which forced to the surface by elevated sources is artesian wells. This is possible even if the outlet is in the form of a 300-foot-deep (91 m) cave. In this case the cave is used like a hosepipe by the higher elevated recharge area of ground water to exit through the lower elevation Opening. Non-artesian springs may simply flow from a higher elevation through the earth to a lower elevation and exit in the form of a spring, using the ground like a drainage pipe.

Still other springs are the result of pressure from an underground source in the earth, in the form of volcanic activity. The result can be water at elevated temperature such as a hot spring. The action of the ground water continually dissolves permeable bedrock such as limestone and dolomite, creating vast cave systems.

Types of springs

It is necessary to identify the type of spring in order to understand how they behave over time and space. Following are the types of spring:

- Depression spring:
  Depression spring is a type of spring which formed at topographic lows. It formed when water table reaches the surface due to topographic undulations. A local flow system is created and a spring is formed at the local Discharge zone.
- Contact spring:
  Contact spring is a type of spring which formed at places where relatively permeable rocks overlie rocks of low permeability. A lithological contact is usually marked by a line of springs. Such springs are usually associated with perched aquifers in mountains.
- Fracture spring:
  Fracture spring is a type of spring which occurs due to existence of jointed or permeable fracture zones in low permeability rocks. The movement of groundwater in this type of spring is mainly through fractures that may tap shallow as well as deep aquifers. Springs are formed where these fractures intersect the land surface.
- Fault spring:
  Fault spring is a type of spring that occurs through faulting which give rise to conditions favourable for spring formation as groundwater under hydrostatic pressure (such as in confined aquifers). An impermeable rock unit may be brought in contact with an unconfined aquifer due to faulting.
- Karst spring:
  Springs which are found in limestone belt region are known as karst spring. Spring in limestone terrains can be interconnected to topographic depressions caused by sink holes – depressions in the ground surface cause due to the dissolving of limestone below. Large quantities of water move through the cavities, channels, conduits and other Openings developed in limestone.

Springsheds and Climate Change

The state of Meghalaya is highly prone to the effects of climate change because of its geo-ecological fragility, humid monsoon climate, and socio-economic profile. Since 2005-2006, there has been an observed trend of declining annual rainfalls in Meghalaya; this is attributed by experts to a combination of climate change and deforestation. However, climate models predict 2-3.5◦C temperature increase and a 250-500 mm increase in precipitation. Furthermore, the rainfall variability and occurrence of extreme events has increased and is expected to further increase, with monsoon rains already having increased drastically since 2001 and shifted towards the "post-monsoon" period, this has over the last twenty years led to an increased frequency and magnitude of floods. At the same time, the occurrence of dry spells has increased in Meghalaya. Thus, in the future climate change will further increase the frequency and magnitude of floods and droughts. The increased uncertainty, variability and unpredictability is affecting the hydrological system and thereby both reducing the availability of water as well as increasing the destructive forces of water.

The following water related negative impacts of climate change in Meghalaya can be noted: in increased destruction of grain crops by heavy rainfalls and hail storms, increased soil erosion and loss of soil fertility as a result of increased intensity rainfalls, displacement of people by floods, shortages of drinking water during winter months, destruction of forests have been destroyed due to extreme climatic events. Hence the hydrological changes threaten the livelihoods and food security of the vast majority of Meghalaya's population, who are engaged in the agricultural sector and depend on natural resources.

Payment for Ecosystem Services (PES)

Spring sheds provide valuable ecosystem services. They are the only source of water for daily needs of people but also play an important role in the functioning of ecosystems and in supporting biodiversity. The springs which have dried due to some reason like excessive exploitation of natural resources, climate change etc need to be rejuvenated for the ecosystem benefits to the society at large. Therefore, suitable payment of ecosystem services (PES) models can be devised wherein the communities who take initiative in rejuvenation works are compensated by the other people downstream who are likely to be benefitted. Ecosystems provide society with a wide range of services – from reliable flows of clean water to productive soil and carbon sequestration etc. People, companies and society at large rely on these services – for raw material inputs, production processes, and climate stability. The ecosystem provides us with environmental goods such as fresh water, regulating services such as water purification, supporting services for nutrient cycling, soil formation and also cultural services (aesthetic, spiritual, educational and recreational). At present however, many of these ecosystem services are either undervalued or have no financial value at all. In response to emerging concerns, markets should emerge for ecosystem services in the State. The key characteristic of these PES deals is that the focus is on maintaining a flow of a specified ecosystem "service" in exchange for an economic incentive.

Law & Policy

Water policy of the State is under formulation and draft of the same has been prepared. The objective of the draft Meghalaya Water Policy is to "ensure that water is used efficiently, shared equitably, managed sustainably, governed transparently and contributing to improving the health and livelihoods of all citizens". To attain this, the proposed Policy aims at ensuring that appropriate systems and measure are in place to balance the following specific objectives: Meeting the basic water and sanitation needs so that all inhabitants of the State can live healthy lives; Effectively harnessing water resources for economic development and for ensuring the livelihoods and incomes of all inhabitants of the State; Ensuring that water resources are protected, maintained, improved and utilized sustainably, so that future generations can enjoy them. Ensuring that ecosystem integrity and land productivity is maintained and minimum ecological water requirements are met, enhancing the resilience to disasters and the impacts of climate change.

Activities on Springshed Development

- Meghalaya launched the Springshed Management Initiative on World Water Day, 2015.
- A training session was held in March on spring sensitization and methods for mapping and monitoring for field officers and Departmental heads of numerous agencies connected with natural resources in the state. This covered both the theory and practice of the importance of springs, hydrogeology, discharge measurement, water quality, field sheets, uploading of the database to the central server using the mobile application.
- Meghalaya springs program includes an ambitious plan for water and livelihoods, the Integrated Basin Development Livelihood Program. The spring's conservation is a part of that.
- A Training of Trainers (TOT) for Spring Protection Initiative was organized by The Meghalaya Institute of Natural Resources (MINR), of Meghalaya Basin Development Authority (MBDA), Government of Meghalaya, in collaboration with ACWADAM, ARGHYAM, PSI, KEYSTONE, India Water Portal, w.e.f the 20th to the 25th of July, 2015. The objective of the training was to impart understanding the basic characteristics of springs and to demonstrate methods of reviving them. This programme is mainly concerned with the studies of water and the type of rocks, which in combination termed as Hydrogeology (Hydro- water, geology-rocks).
- The plan is to map or survey the entire state and gather a couple of thousand data points. This is rarely done anywhere; it is probably one of the largest springs mapping exercise in the country. The data collected will help in planning spring shed protection activities and will constitute a scaled- baseline for the program.
- The Soil and Water Conservation Department Meghalaya is working on a spring-shed development program aimed at increasing the discharge of the springs besides increasing the duration of discharge. Pilot Projects taken up so far includes Wah Shari at Khliehshnong Sohra and Catchment areas of Shillong Peak.

- The major activities in Springs shed development works includes mapping of spring discharge during lean and peak season; assessment of water quality of springs; number of households depending on springs; status of the spring shed; ownership of the springs; GPS location and interventions for rejuvenation of springs namely, Contour Trenches; Dug out pond; Check Dams and Water Harvesting Structures for ground water recharge and a forestation of the spring shed.

Data Collection and Analysis

Detailed inventories of about 1500 numbers of springs spread in all the 11 districts of the State have been conducted. The sampling data sheet is appended with this paper for reference. The observation made after analysing the data shows that many of the springs have dried up and in the case of the existing springs also the discharge has decreased over the years.

The main objective of this initiative is to ensure water security by mainstreaming scientific approaches to sustainable spring protection and management. The extensive springs mapping and survey is expected to provide a better knowledge and understanding of the basic characteristics of these springs and their present condition. Action research will be done to explore whether the drying springs can be revived through a springshed development approach using geohydrological techniques.

It is proposed that every critical spring in the State will be mapped and the data collected will be used for analysis for rejuvenating the impaired springs.

Note: Tables are marked with colour to depict the collection of data at certain seasonal period

Lean Season Data
Peak Season Data

Methodology

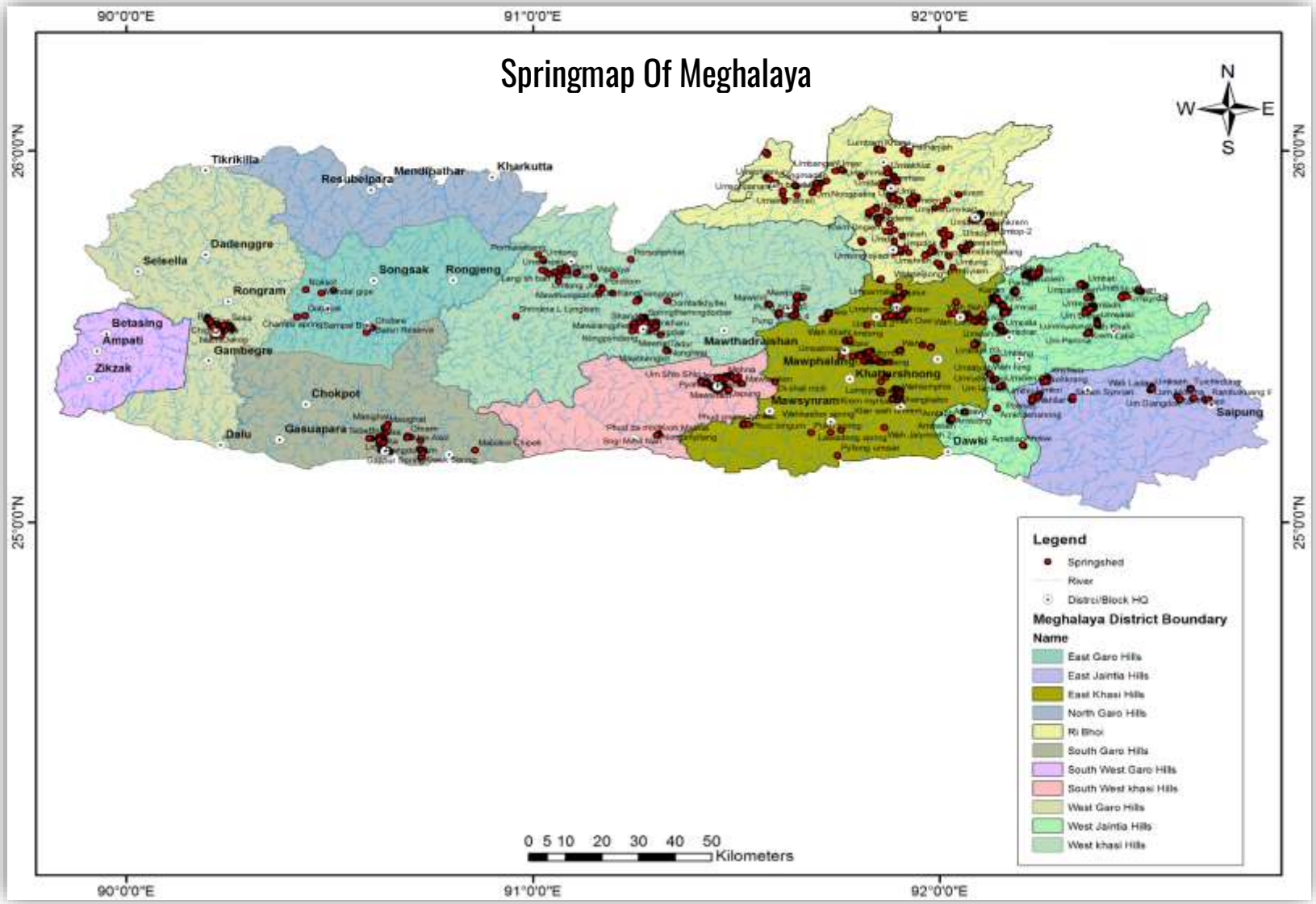
During the field visit with the help of the local community springs located within the village were identified and various data such as co-ordinates, elevation, Spring ID, Spring Name, date, location, rainfall, temperature, infrastructure, ownership, Discharge, Household, Strike and Dip are collected in the Spring Inventory Sheet. During the survey water quality test were also done. Parameter of water testing are temperature, pH, TDS, EC, Salinity etc. Based on the collected data calculation are done such as:

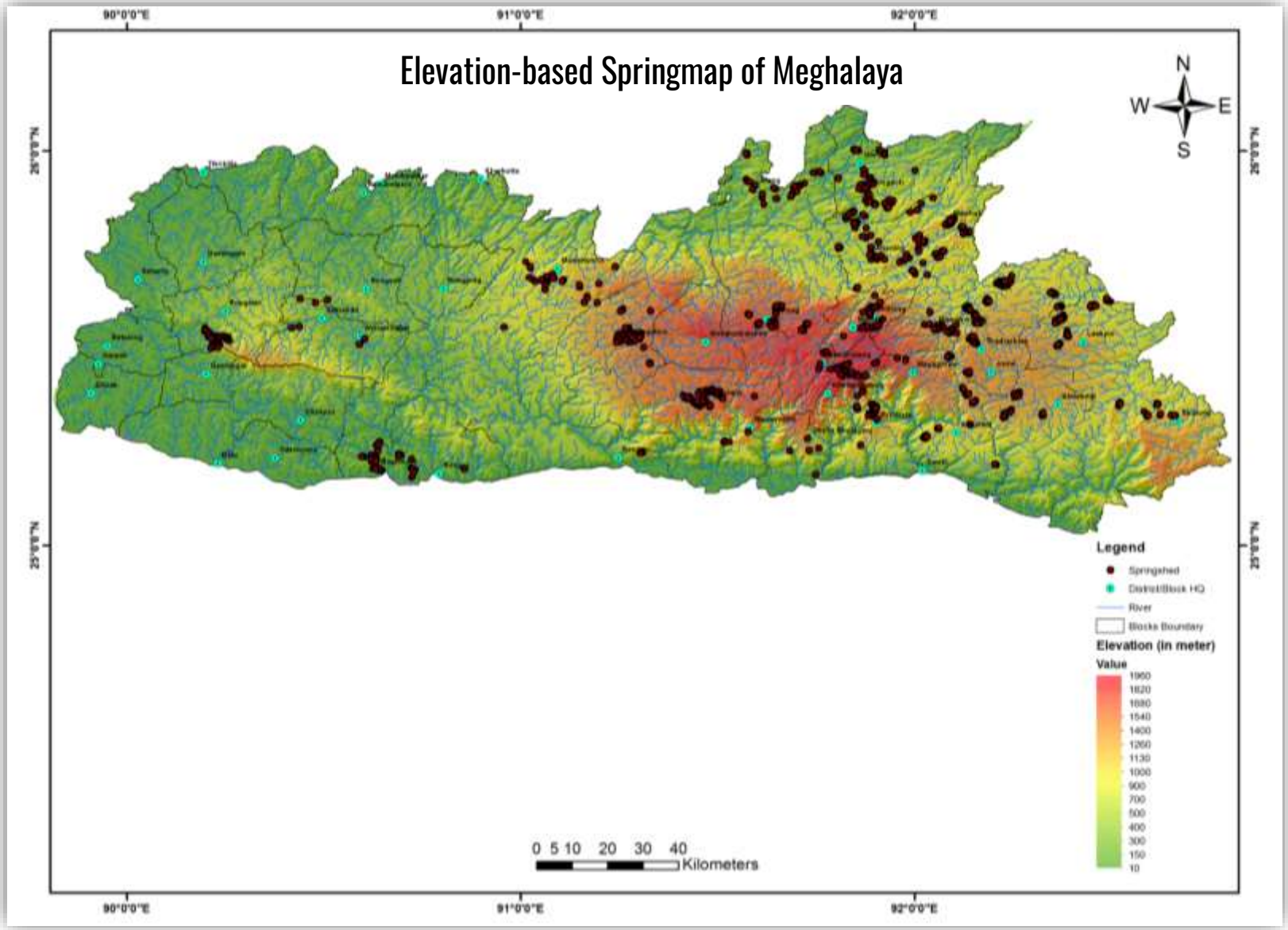
Discharge Measurement

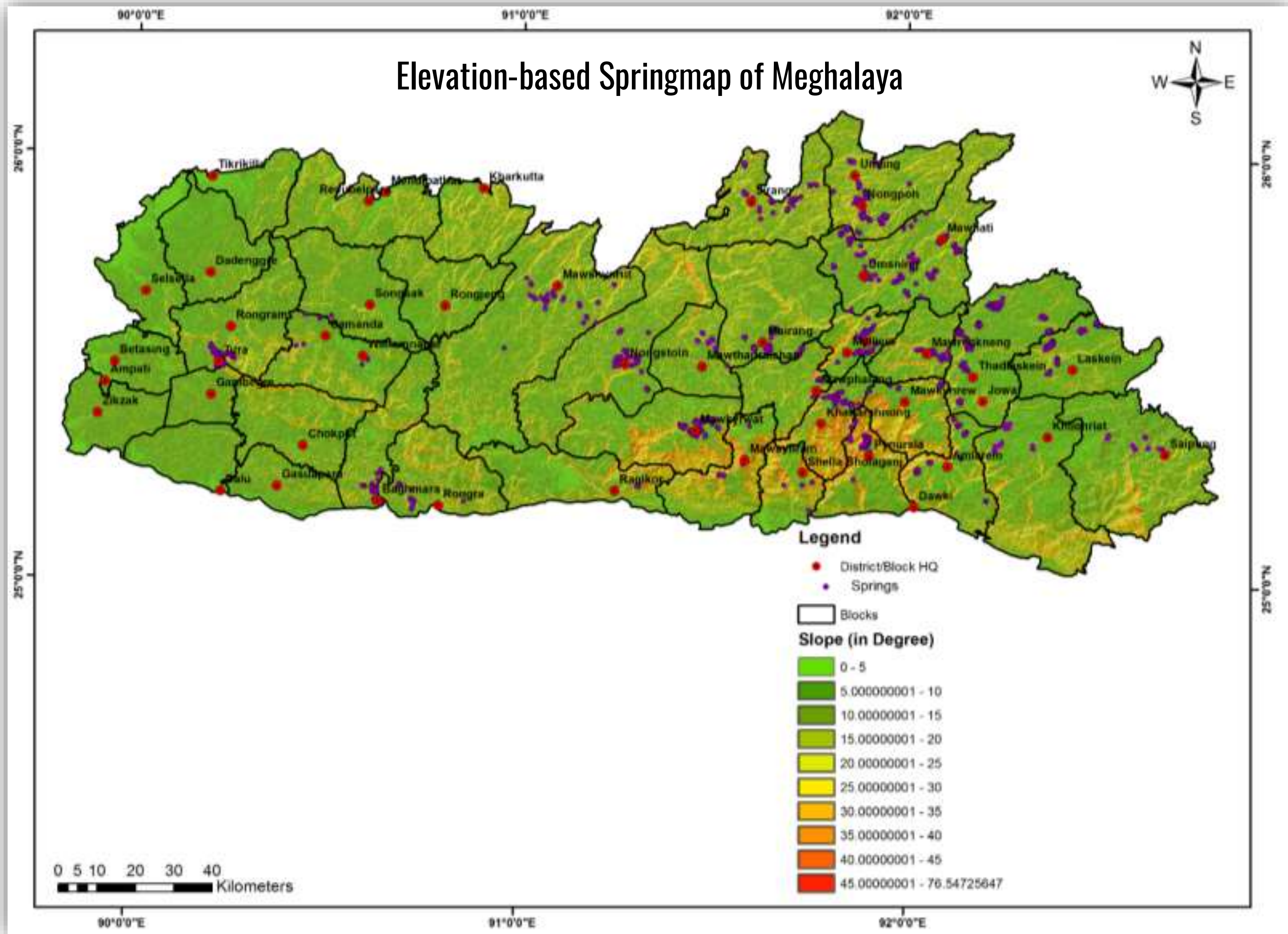
1. Spring flowing out from an outlet:
    a. Take a vessel of Known Volume
    b. Record the time taken to fill the vessel
    c. Discharge = Volume / Time (record in liters/min)
2. Spring oozing from the ground and collects in a pool of water:
    a. Using a stick, measure the level of water and make a marking.
    b. Take a vessel of Known Volume, draw water from the pool/pond and record the time.
    c. Record the time taken for the water to rise to the initial level marked.
    d. Discharge = Volume Emptied/ Time (record in liters/min)

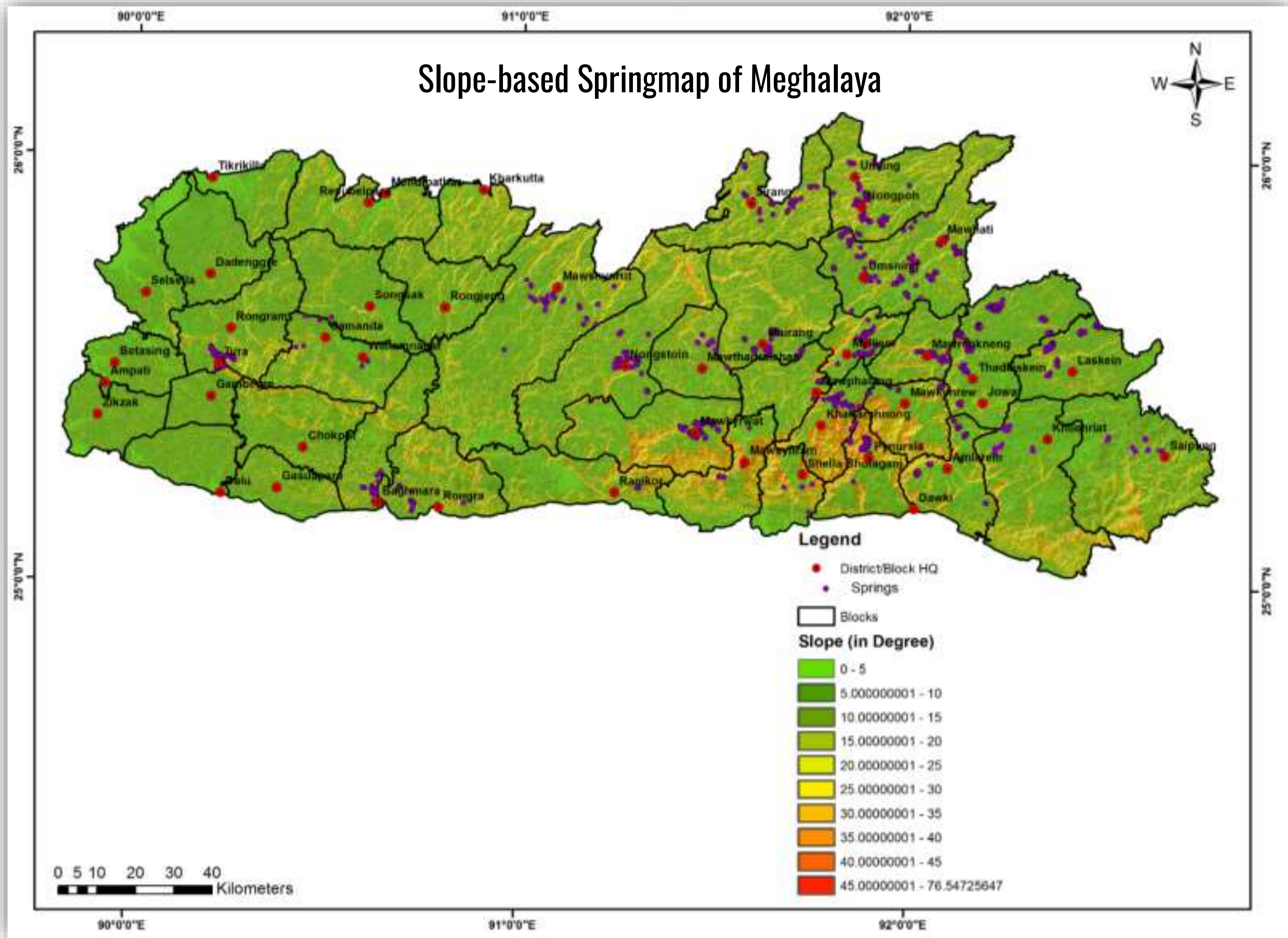
In GIS Lab the collected data are formatted into excel sheet. Data validation is carried out after which corrected data are converted into GIS layer. River layer was created from SRTM DEM 10 m data. After generating river layer from DEM, further rectification is done on google earth engine. Then using ArcGIS 10.1 the maps were created.

STATE LEVEL


Springmap Of Meghalaya
90°0'0"E
91°0'0"E
92°0'0"E
26°0'0"N
25°0'0"N
N
W
E
S
Tikrikilla
Resubelpara
Mendipathar
Kharkutta
Dadenggre
Selsella
Songsak
Rongjeng
Rongram
Betasing
Ampati
Gambegre
Zikzak
Chokpot
Dalu
Gasuapara
Mawthadraishan
Mawphalang
Khatarshnong
Mawsynram
Dawki
Saipung
Legend
Springshed
River
District/Block HQ
Meghalaya District Boundary
Name
East Garo Hills
East Jaintia Hills
East Khasi Hills
North Garo Hills
Ri Bhoi
South Garo Hills
South West Garo Hills
South West khasi Hills
West Garo Hills
West Jaintia Hills
West khasi Hills
0 5 10 20 30 40 50
Kilometers


Elevation-based Springmap of Meghalaya
90°0'0"E
91°0'0"E
92°0'0"E
25°0'0"N
N
W
E
S
Legend
Springshed
District/Block HQ
River
Blocks Boundary
Elevation (in meter)
Value
1950
1820
1680
1540
1400
1260
1130
1000
900
700
500
400
300
150
10
0 5 10 20 30 40
Kilometers

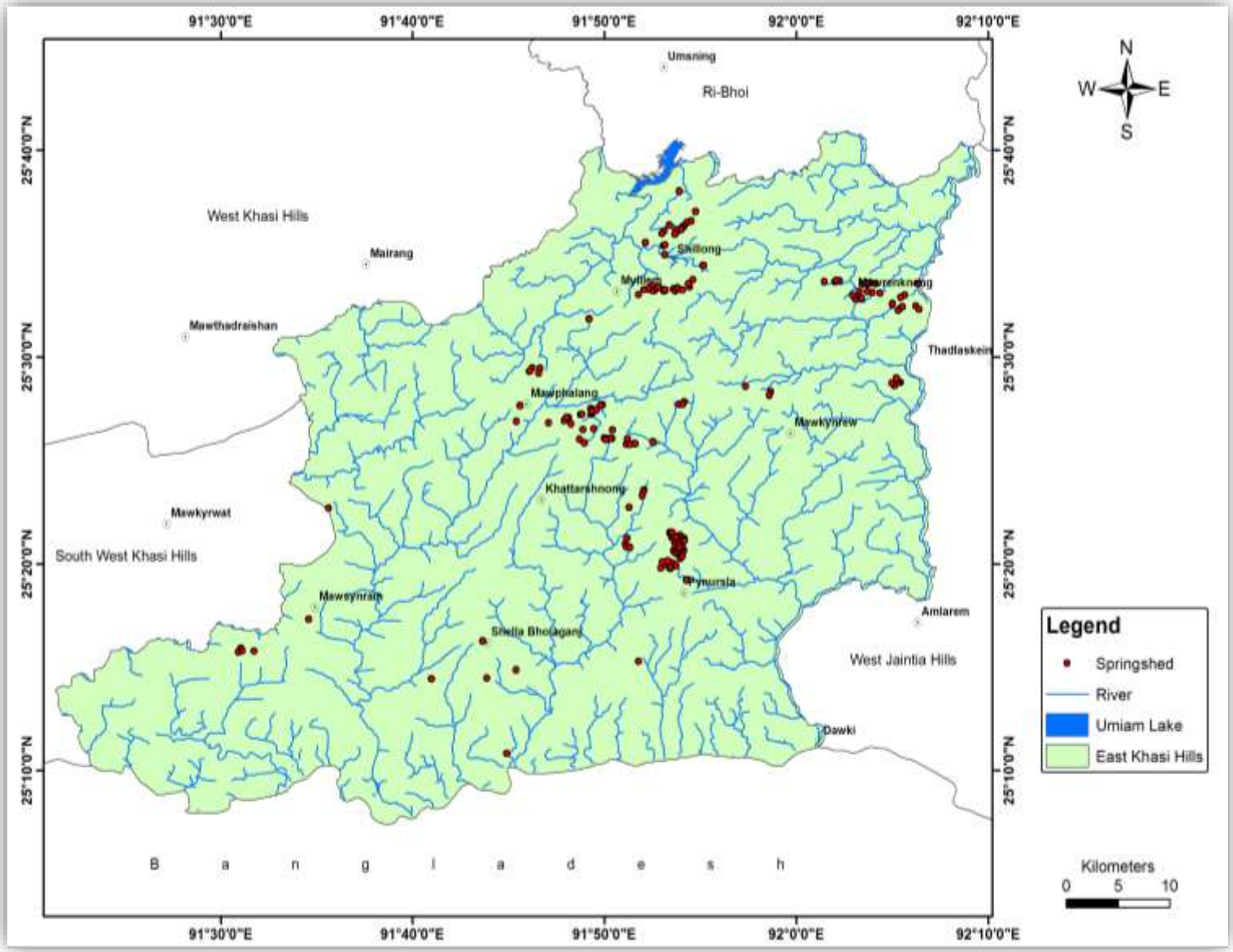

Elevation-based Springmap of Meghalaya
Legend
District/Block HQ
Springs
Blocks
Slope (in Degree)
0 - 5
5.000000001 - 10
10.00000001 - 15
15.00000001 - 20
20.00000001 - 25
25.00000001 - 30
30.00000001 - 35
35.00000001 - 40
40.00000001 - 45
45.00000001 - 76.54725647
0 5 10 20 30 40
Kilometers
90°0'0"E
91°0'0"E
92°0'0"E
26°0'0"N
25°0'0"N



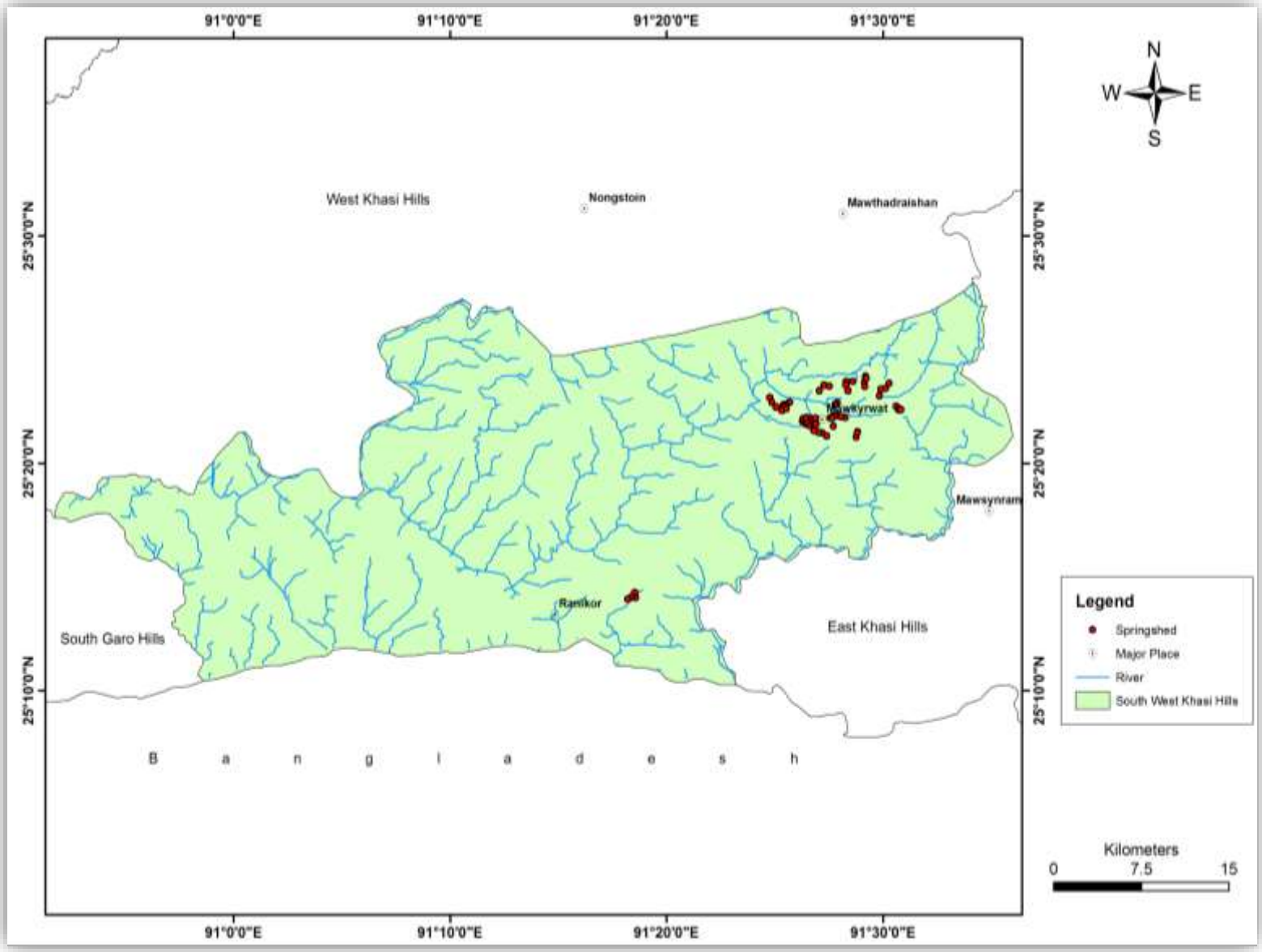
Slope-based Springmap of Meghalaya
N
S
W
E
90°0'0"E
91°0'0"E
92°0'0"E
26°0'0"N
25°0'0"N
Tikrikilla
Kharkutta
Dadenggre
Selsella
Rongram
Tura
Betasing
Ampati
Zikzak
Chokpot
Dalu
Gasuapara
Rongra
Rongjeng
Nongstoin
Mairang
Ranikor
Nongpoh
Umsning
Laskein
Jowai
Saipung
Dawki
Legend
District/Block HQ
Springs
Blocks
Slope (in Degree)
0 - 5
5.000000001 - 10
10.00000001 - 15
15.00000001 - 20
20.00000001 - 25
25.00000001 - 30
30.00000001 - 35
35.00000001 - 40
40.00000001 - 45
45.00000001 - 76.54725647
0 5 10 20 30 40
Kilometers

DISTRICT LEVEL

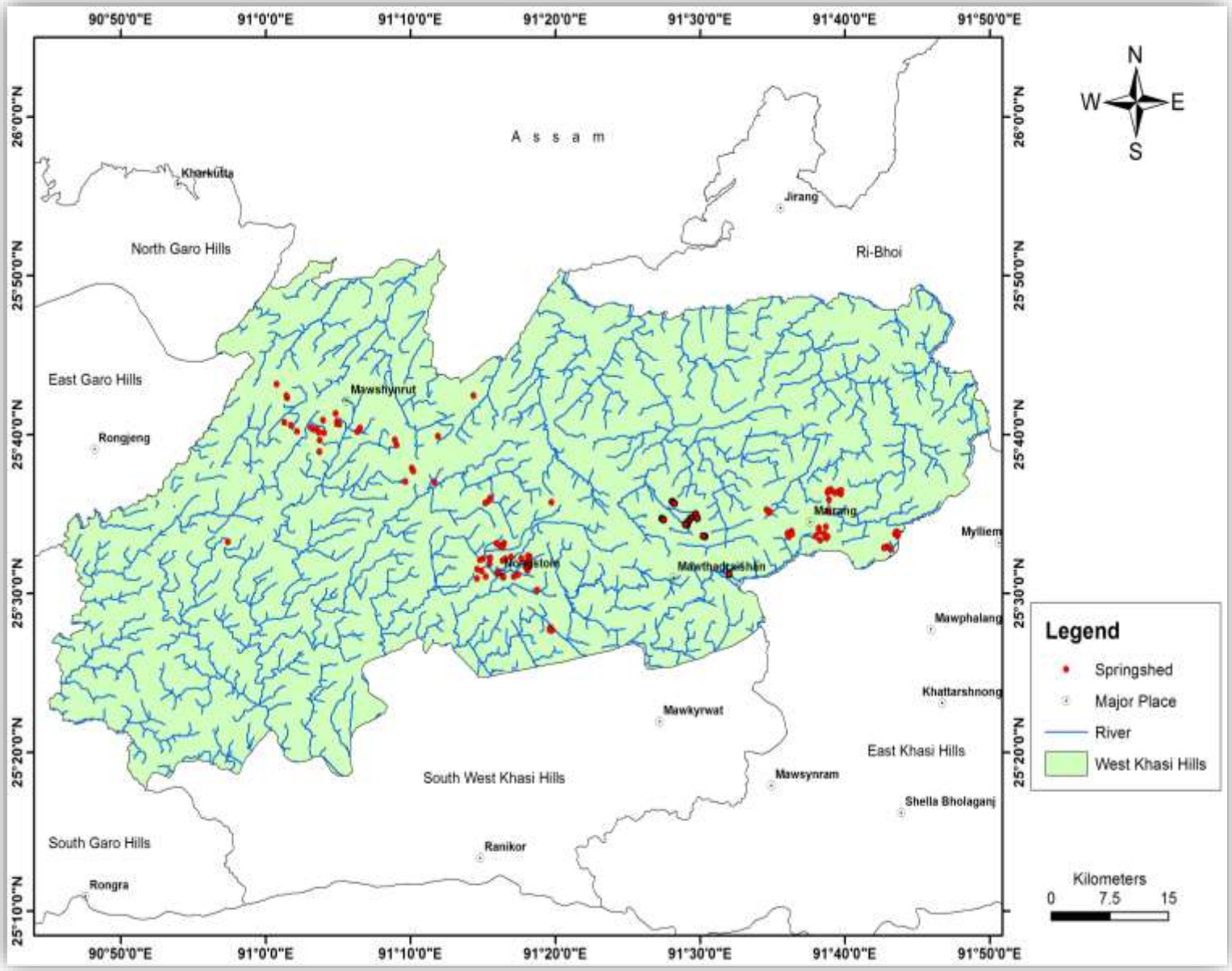
Springmap Of East Khasi Hills



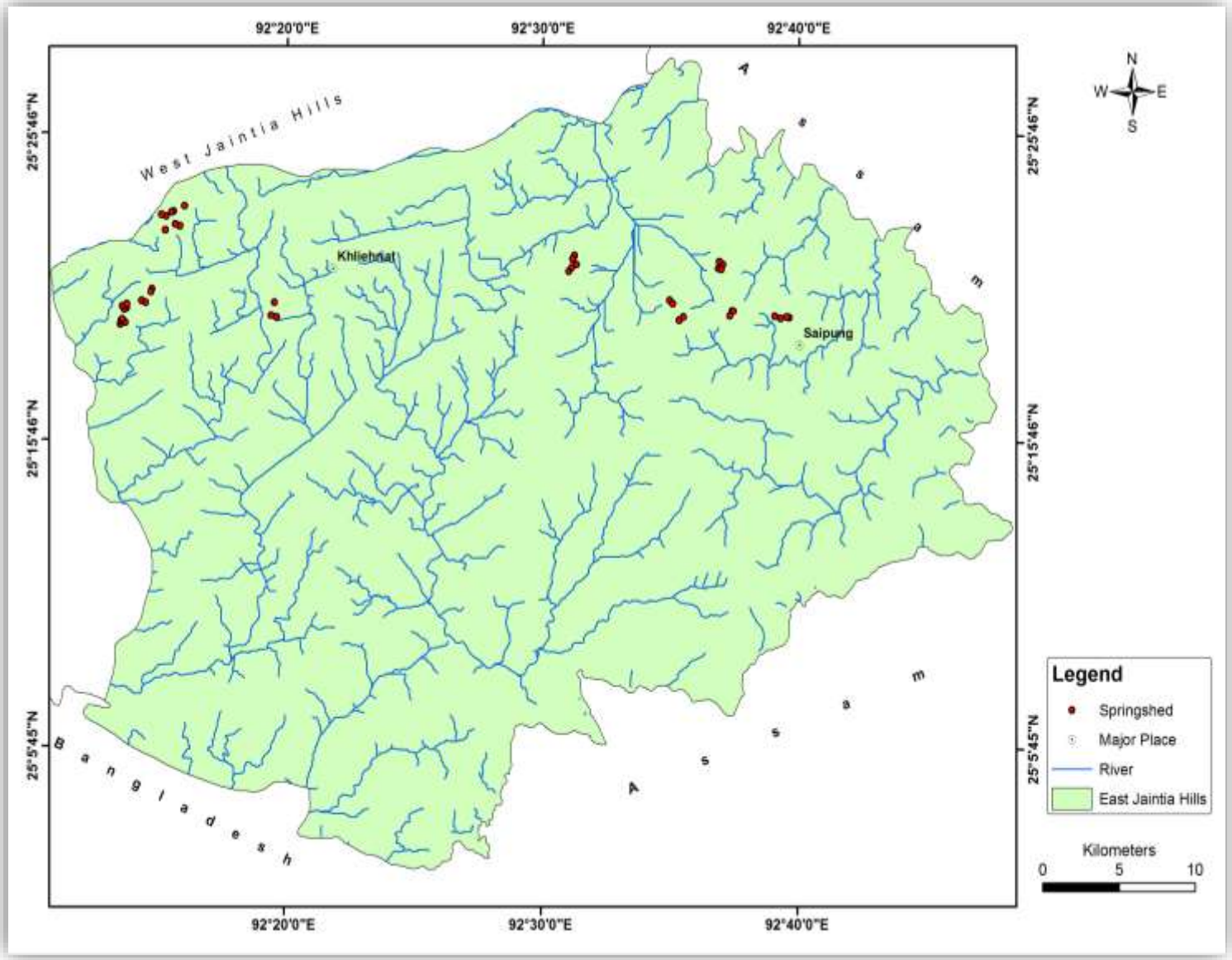
Springmap Of South West Khasi Hills



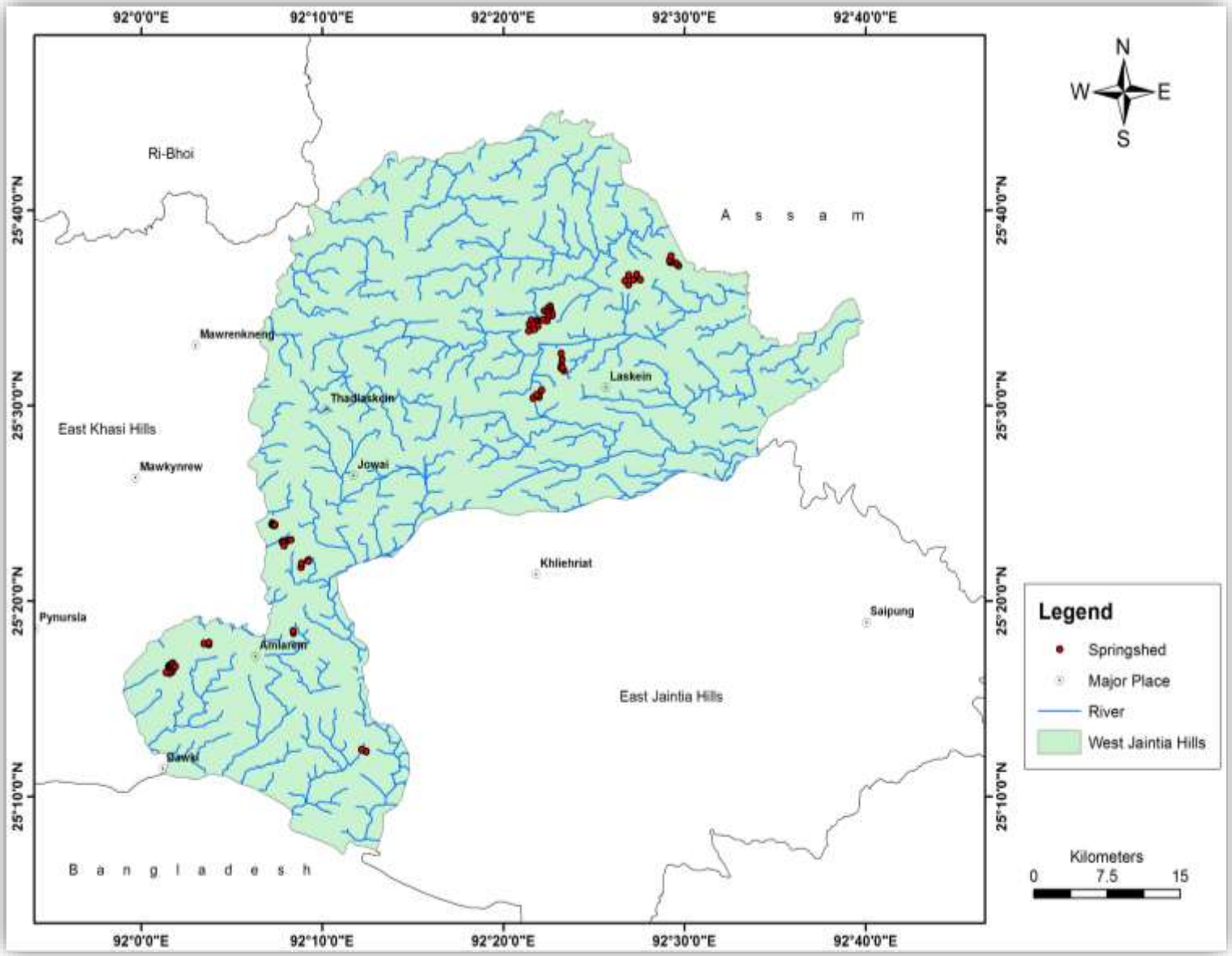
Springmap Of West Khasi Hills



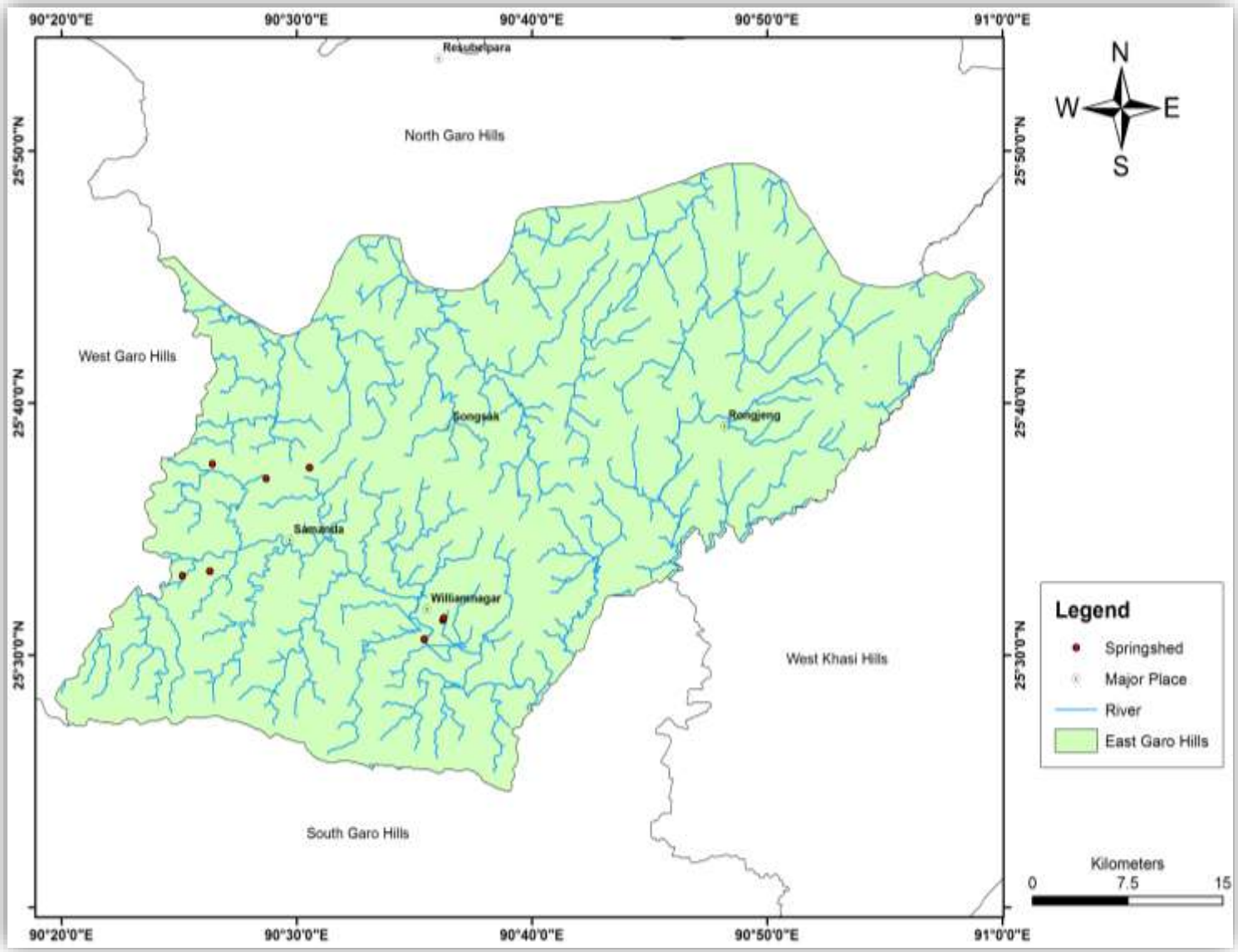
Springmap Of East Jaintia Hills



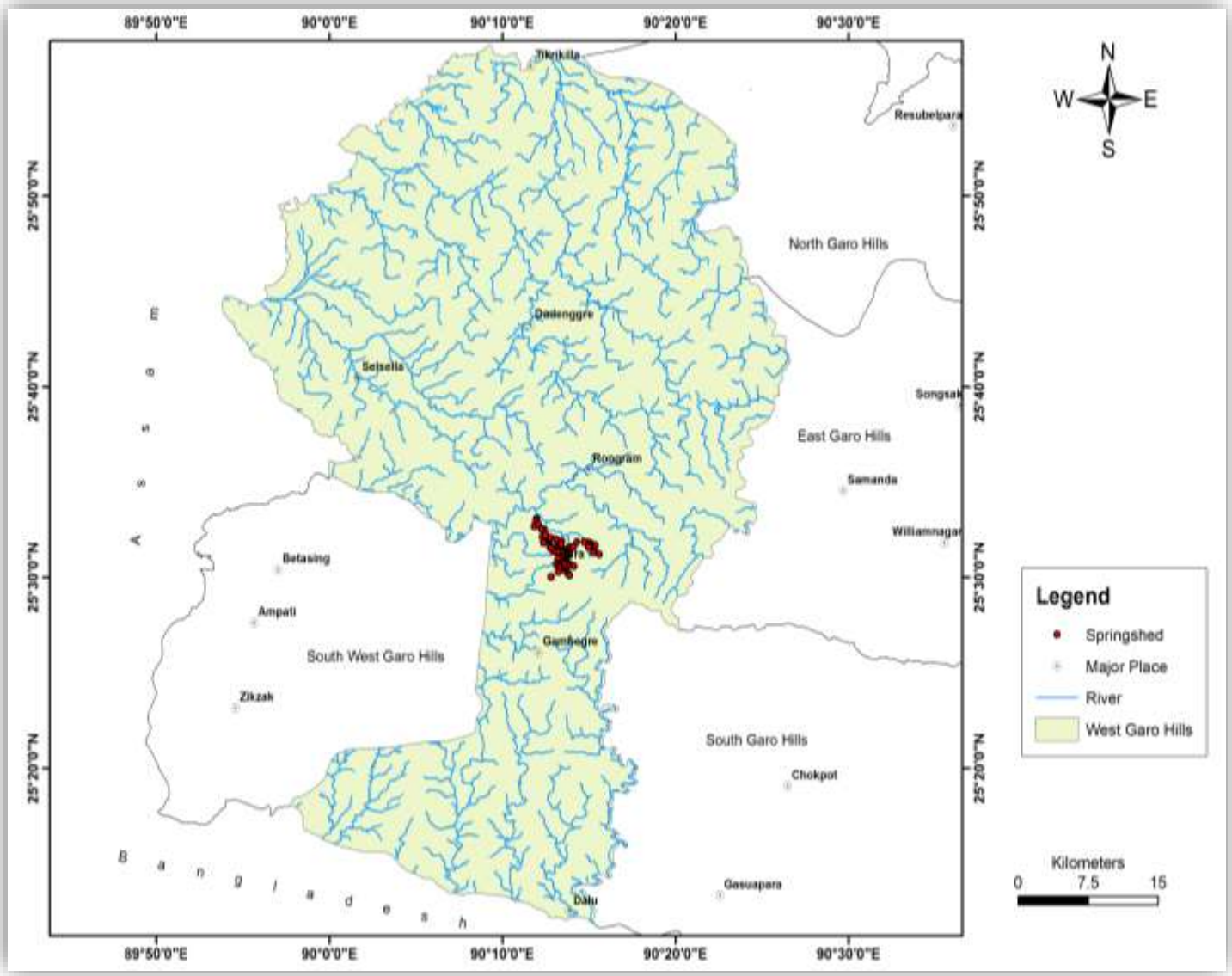
Springmap Of West Jaintia Hills



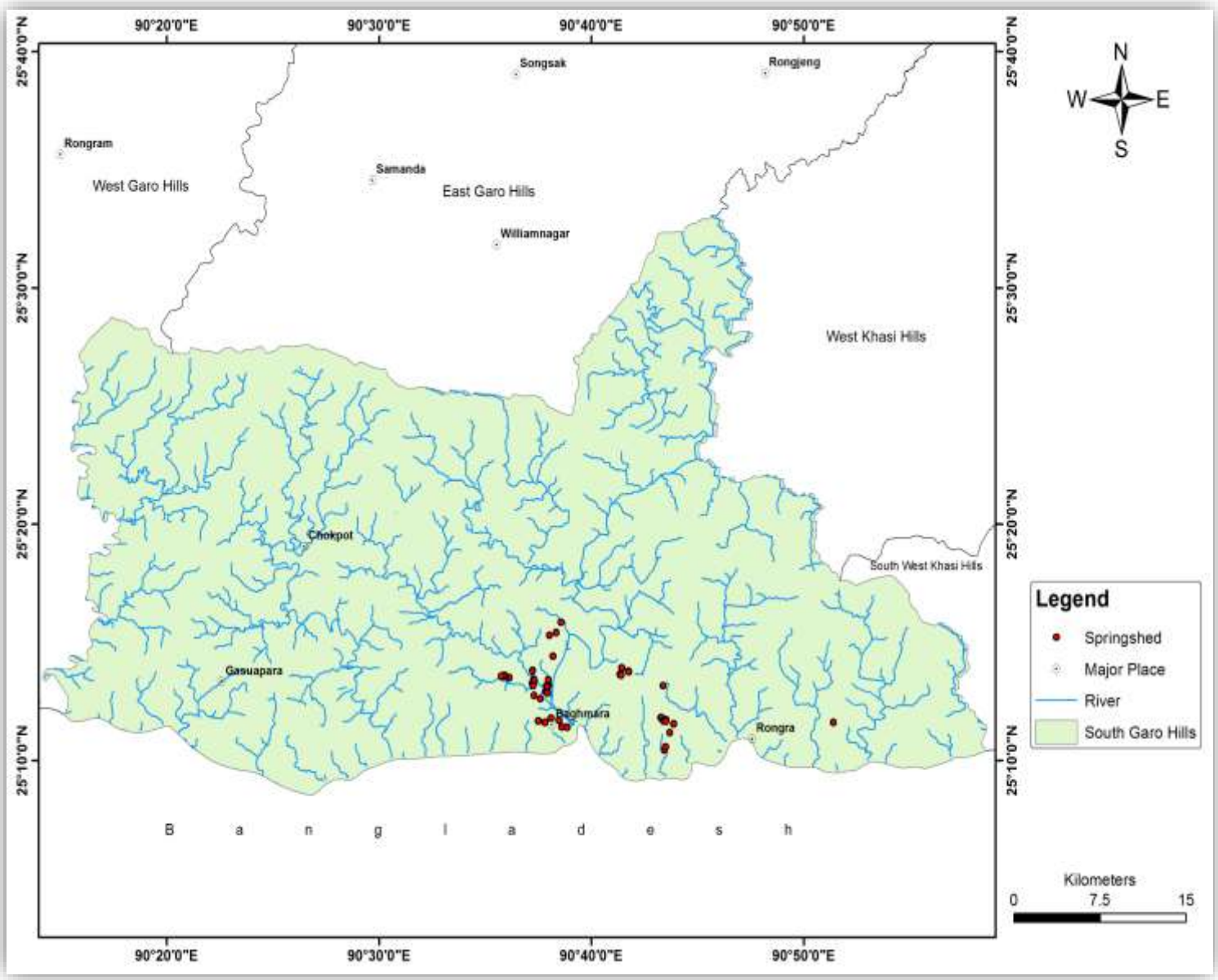
Springmap Of East Garo Hills



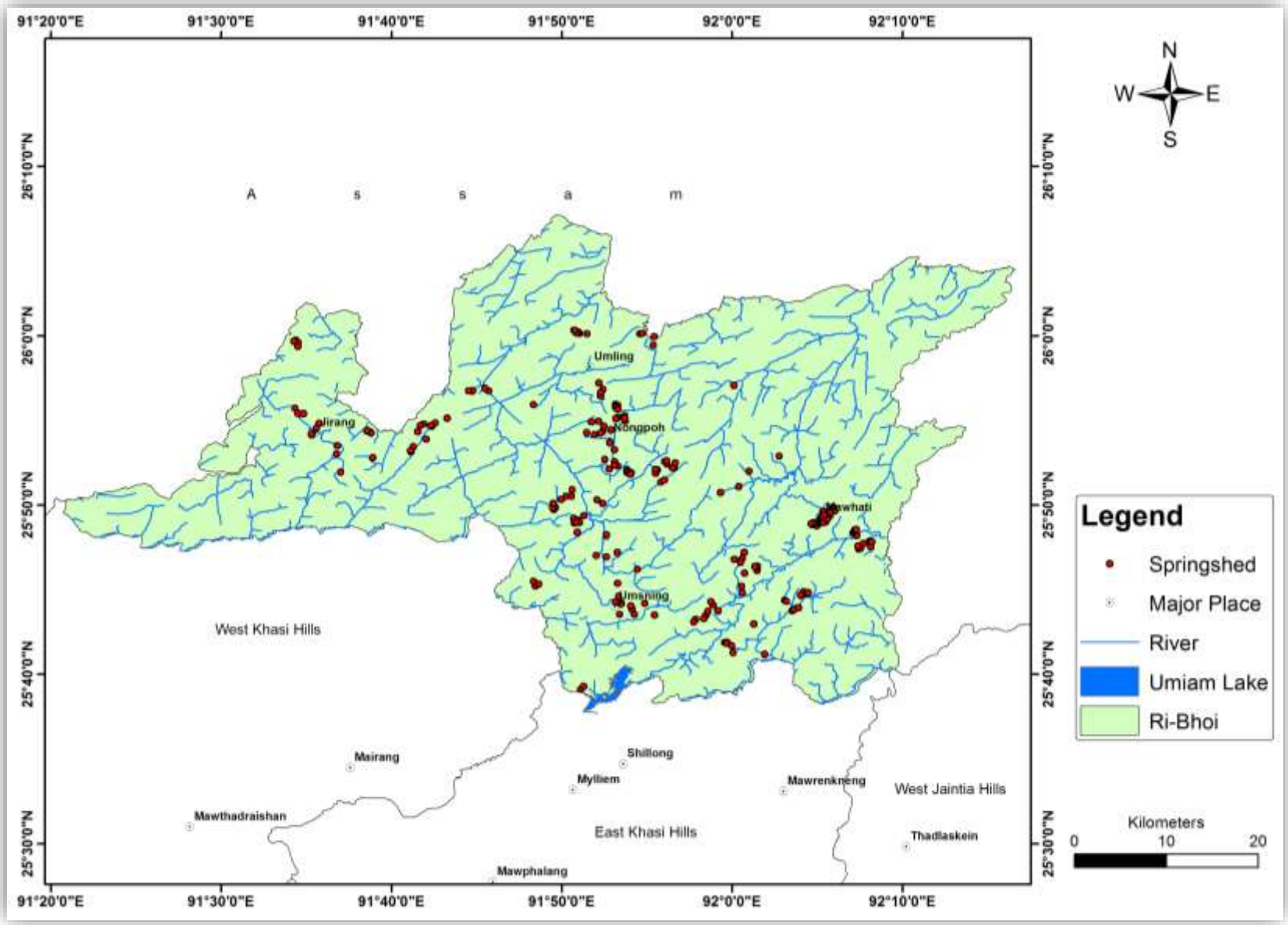
Springmap Of West Garo Hills



Springmap Of South Garo Hills

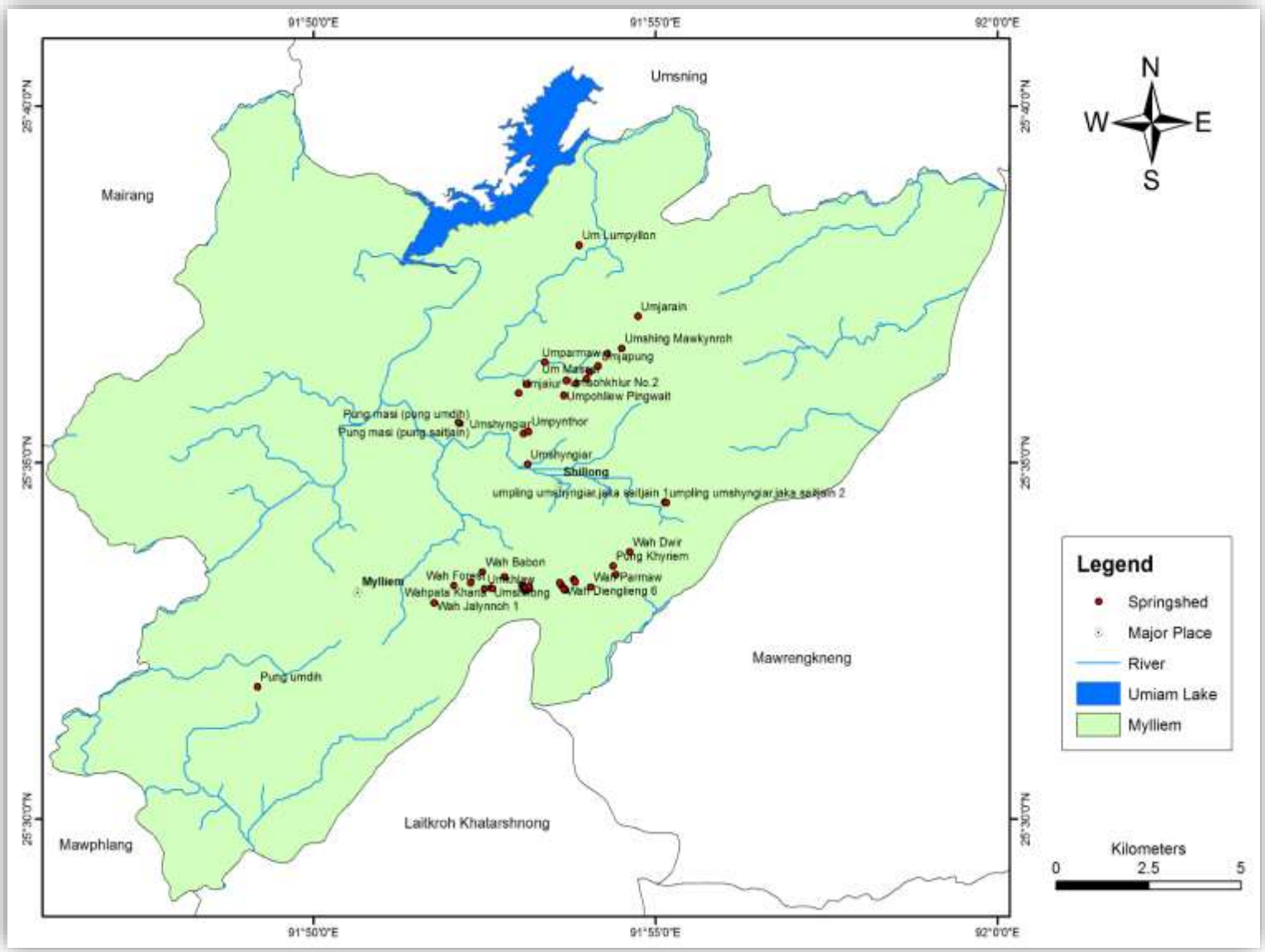


Springmap Of Ri-Bhoi



BLOCK LEVEL

Springmap Of Mylliem



Lean Season Data

Peak Season Data

MYLLIEM C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Lumpata, Mylliem	25.50558	91.81567	Lumpata	Community	Spring type chamber, pumps and pipe to water reservoir	1.2	2
2	Pung Khyriem	25.55916	91.9062	Nongkhyriem (Nongthymmai)	Community	Covered R.C.C Tank supply system	68	136
3	Pung Masi (Pung Saitjain)	25.59265	91.86856	Nongkwar	Community	RCC Tank	10	20
4	Pung Masi (Pung Umdih)	25.59241	91.86903	Nongkwar	Community	RCC Tank	5	10
5	Pung Umdih	25.53092	91.81967	Pomlum,madan football	Community	Dug out well	4	8
6	Shyngiar Lum Sohphoh	25.5566	91.87978	Upper Lumparing	Community	Covered R.C.C. Tap Chamber	16	32
7	Um Demthring	25.55705	91.90697	Lumpyngngad (Nongthymmai)	Community	Covered R.C.C Tank supply system	20	40
8	Um Lumpyllon	25.63417	91.89801	Mawiong rim	Community	Dug out pond	4	8
9	Um Massar	25.60289	91.89978	Umjapung Mawkynroh	Private Land	Dug out pond	10	20
10	Um Risa 1	25.55468	91.88405	Upper Lumparing	Community	Covered R.C.C tank supply system	240	480
11	Um Risa 2	25.55415	91.88441	Upper Lumparing	Municipal	Covered R.C.C tank supply system	800	1600

MYLLIEM C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
12	Umbahshar	25.60443	91.90057	Umjapung Mawkynroh	Private Land	Dug out pond	2.2	4
13	Umbahshar (No. 4)	25.60442	91.91725	Umjapung Mawkynroh	Private Land	Dug out pond	2	4
14	Umjaiur	25.59951	91.88325	mawlai Umjaiur	Community	RCC Tank	20	40
15	Umjapung	25.60588	91.90261	Umjapung Mawkynroh	Community	Direct use with plastic pipe	45	90
16	Umjarain	25.61751	91.9123	Mawtawar	Community	RCC Tank	2.5	5
17	Umjyrsieh	25.60878	91.90484	Umshing Mawkynroh	Community	Dug out pond	2.5	5
18	Umkhlaw	25.55377	91.87492	Lumparing Kynjat Football	Forest Dept	Cover R.C.C. Tank Supply System	10	20
19	Umkong Medilin	25.55376	91.87701	Lumparing Kynjat Football	Private	Dug out well used with plastic pipe	20	40
20	Umparmaw	25.60675	91.88962	Kyntonmassar	Community	Dug out well used with plastic pipe	26	52
21	Umparmaw	25.60166	91.88529	Nongpathaw Mawdatbaki	Community	R.C.C Tank	10	20
22	Umpling Umshyngiar, jaka saitjain 1	25.57405	91.91886	Umpling	Community	R.C.C Tank	36	72
23	Umpling Umshyngiar, jaka saitjain 1	25.57686	91.91211	Umpling	Community	Spring tap tank	36	72

MYLLIEM C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
24	Umpling Umshyngiar, jaka saitjain 2	25.57396	91.91921	Umpling	Community	R.C.C Tank	40	80
25	Umpohliew Pingwait	25.59901	91.89424	Mawroh	Community	Cover R.C.C Tank	20	40
26	Umpohliew Wah Nonglum	25.44767	91.83445	Madanlyngkhi	Private (Smt. Bajentina Diengdoh)	Dugout well	3.3	7
27	Umpynthor	25.59059	91.88564	Phudmuri	Forest Dept	Dugout well	6.4	13
28	Umshing Mawkynroh	25.61	91.90833	Umshing Mawkynroh	Community	Large Open tap chamber	120	240
29	Umshnong	25.55392	91.87658	Lumparing Kynjat Football	Community	Covered C.C. Well and R.C.C Storage Tank	8	16
30	Umshyngiar	25.59003	91.88445	Phudmuri	Community	Covered C.C. Well and R.C.C Storage Tank	21.81	44
31	Umshyngiar	25.58294	91.88522	Phudmuri	Community	Covered C.C. Well and R.C.C Storage Tank	2	55
32	Umshyngiar	25.59003	91.91786	Phudmuri	Forest Dept	Covered C.C. Well and R.C.C Storage Tank	34	68
33	Umshyngiar Forest	25.60616	91.86827	Mawlai nongkwar block 13	Forest Dept	Boulder checkdam	0.47	1
34	Umshyngiar Mawkynroh (No.1)	25.61003	91.90836	Umshing Mawkynroh	Community	Large Open tap chamber	1	2
35	Umshyngiar Pata (No.3)	25.44928	91.84069	Iewshillong	Community	Covered RCC Tank &storied syntex top by using pump	Unknown	60

MYLLIEM C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
36	Umsohkhlur No. 1	25.60183	91.8973	Mawroh	Community	C.C. Check Dam	200	400
37	Umsohkhlur No.2	25.60249	91.89487	Mawroh	Private Land	Direct use with G.I pipe	5	10
38	Wah Babon	25.5577	91.87441	Madan Laban	Community	Covered R.C.C. Tank Supply System	67	134
39	Wah Dienglieng 1	25.55391	91.89423	Risa Coloney	Community	Covered R.C.C Tank supply system	120	240
40	Wah Dienglieng 2	25.55464	91.89371	Cleve Coloney	Community	Covered R.C.C Tank supply system	85	170
41	Wah Dienglieng 3	25.55533	91.89333	Lumpyngngad	Community	Covered R.C.C Tank supply system	40	80
42	Wah Dienglieng 4	25.55365	91.89444	Lumpyngngad	Community	Covered R.C.C Tank supply system	150	300
43	Wah Dienglieng 5	25.55342	91.89458	Lumpyngngad (Nongthymmai)	Community	Covered R.C.C Tank supply system	70	140
44	Wah Dienglieng 6	25.55367	91.89426	Risa Coloney	Community	Covered R.C.C chamber supply system	120	240
45	Wah Dwir	25.56239	91.9103	Nongthymmai (Dum Dum)	Community	Covered R.C.C Tank supply system	89	178
46	Wah Forest	25.55457	91.86752	Lawsohtun	Community	C.C. Covered with Roof top supply system	100	200
47	Wah Jalynnoh 1	25.55049	91.86266	Lawsohtun (Farm)	Community	Covered R.C.C. Tank Supply System	2200	4400

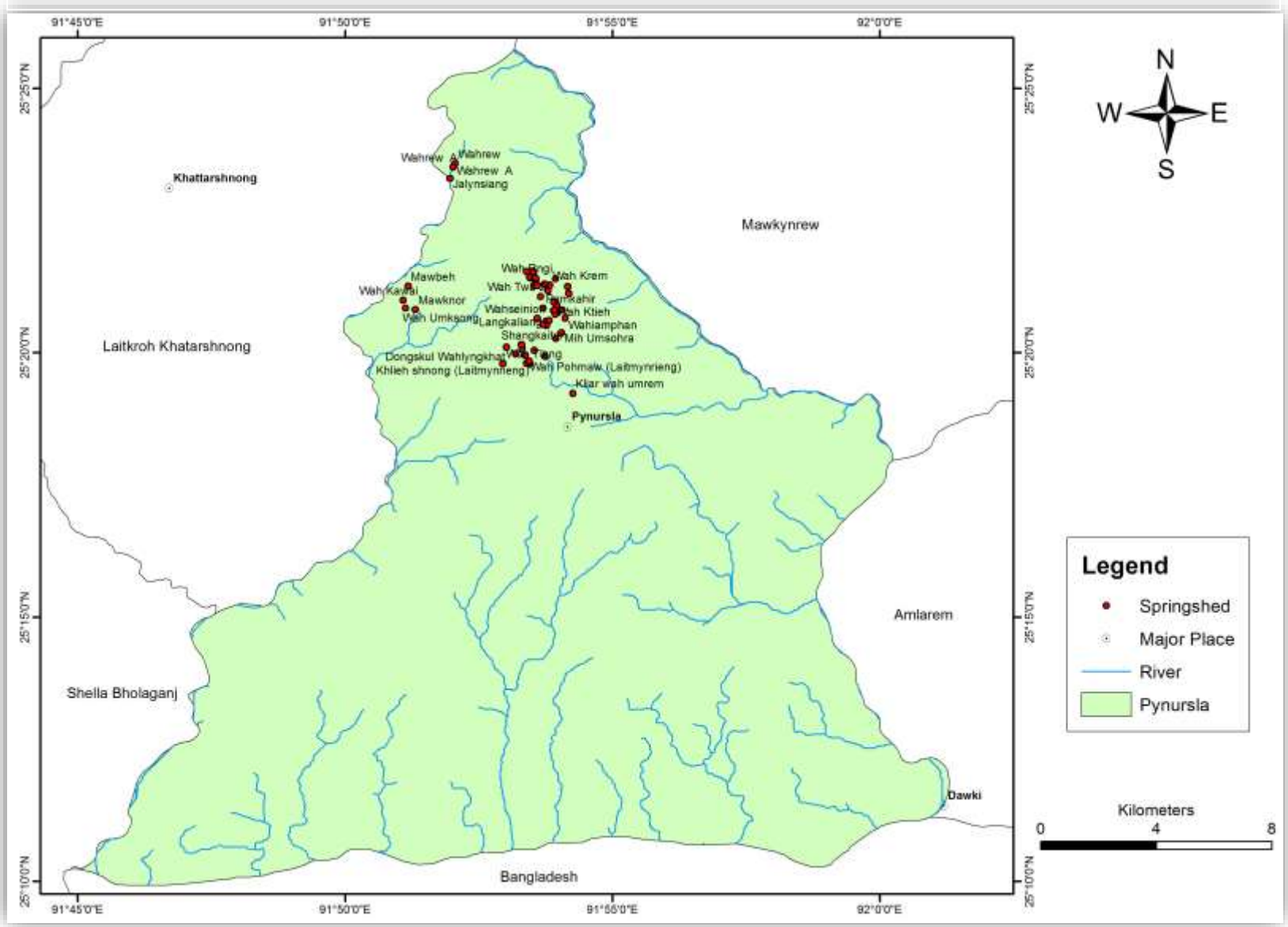
MYLLIEM C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
48	Wah Jalynnoh 2	25.25502	91.86271	Lawsohtun (Farm)	Community	Covered R.C.C. Tank Supply System	12	24
49	Wah Khlaw Forest	25.55367	91.89426	Lumpyngngad	Community	Covered R.C.C Tank supply system	12	24
50	Wah Khlaw Forest 1	25.55601	91.89664	Lumpyngngad	Community	Covered R.C.C Tank supply system	55	110
51	Wah Khlaw Forest 2	25.55548	91.89698	Lumpyngngad	Municipal	Covered R.C.C Tank supply system	155	310
52	Wah Parmaw	25.55422	91.90077	Lumpyngngad (motinagar)	Community	Open C.C. Tank Supply System	650	1300
53	Wah Risa 1	25.55324	91.88482	Upper Lumparing	Community	Covered R.C.C tank supply system	30	60
54	Wah Risa 2	25.55342	91.88433	Upper Lumparing	Community	C.C. Tank Supply System	90	180
55	Wah Risa 3	25.55359	91.88486	Upper Lumparing	Community	C.C. Tank Supply System	130	260
56	Wah Risa 4	25.55406	91.88489	Khliehshnong Malki	Community	Direct Connect G.I. Pipe Supply System	600	1200
57	Wah Risa 5	25.5539	91.88597	Khliehshnong Malki	Community	C.C. Tank Supply System	250	500
58	Wah Risa 6	25.55435	91.88588	Khliehshnong Malki	Community	Opened C.C. Tank Supply System	85	170
59	Wahtongum Wahlasier	25.44915	91.83962	Iewshillong Laitlyngkot	Community	Covered RCC Tank	1.6	3

MYLLIEM C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
60	Wahpata Khana	25.55525	91.87151	Madan Laban	Community	Open C.C. Tank Supply System	15	30
61	Ktieh Paka Umsaw	25.50883	91.98717	ktieh paka umsaw	Community	Spring type chamber, pumps and pipe to water reservoir.	18	36
62	Pungumkor	25.43793	91.41553	Mawjrong	Community	Covered RCC Tank	1.07	2
63	Um Maysilin	25.60542	91.8665	Mawlai Nongkwar block 13	Community	RCC check dam with RCC platform	0.44	150

Springmap Of Pynursla



Lean Season Data

Peak Season Data

PYNURSLA C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Khlieh Shnong (Laitmynrieng)	25.33078	91.89061	Laitmynrieng	Community	Spring Tap Chamber	2	4
2	Lawmawdnong A	25.33778	91.899	Langkyrdem	Community	Spring Tap chamber (NRGS)	6	12
3	Lower Wah Niur (No.9)	25.54283	91.08308	Puriang	Community	Covered R. C.C. Tank	1	2
4	Mih Umsohra	25.33969	91.90067	Langkyrdem	Community	Open Spring	0.5	1
5	Wah Diengdoh	25.42117	91.89963	Laitlyting	Community	Spring Tap Chamber	3	30
6	Wah lar dien iing skul (wah lyngkhat)	25.32989	91.89084	Wahlyngkhat	Community	Spring Tap Chamber	0.625	1
7	Wah Khalai	25.35295	91.89658	Laitlyting	Community	Spring Tap Chamber	0.05	2
8	Wah Khlaw 1	25.35486	91.89553	Laitlyting	Community	Spring Tap Chamber	1	40
9	Wah Khlaw 2	25.35511	91.89539	Laitlyting	Community	Close water tank with drop pipe	10	20
10	Wah Khyrdop	25.35906	91.88981	Mawlieh	Community	Close water tank with drop pipe	0.5	6
11	Wah Krem	25.35469	91.89703	Laitlyting	Community	Spring Tap Chamber	0.05	40
12	Wah Mawkneng	25.35667	91.89886	Laitlyting	Community	Spring Tap Chamber	0.0083	15
13	Wah Mawmer (wah lyngkhat)	25.33422	91.89217	Wah Lyngkhat	Community	Spring Tap Chamber	0.71	1
14	Wah Nongbri	25.35108	91.89422	Laitlyting	Community	Spring Tap Chamber	6	72
15	Wah Nonglum 1	25.35464	91.89206	Mawlieh	Community	Spring Tap Chamber	1.92	4
16	Wah Nonglum 2	25.35647	91.89231	Mawlieh	Community	Spring Tap Chamber	0.03	3

PYNURSLA C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
17	Wah Nonglum Rit	25.35461	91.89308	Laitlyting	Community	Stone masonry Tap Chamber	1.5	3
18	Wah Pamdngiem (wah lyngkhat)	25.33308	91.88642	Wah Lyngkhat	Community	Spring Tap Chamber	1.42	3
19	Wah Pata (wah lyngkhat)	25.33594	91.88817	Wah Lyngkhat	Community	Stone masonry Tap Chamber	0.83	2
20	Wah Pdengshnong(wah lyngkhat)	25.33475	91.88833	Wah Lyngkhat	Community	Spring Tap Chamber	0.38	1
21	Wah Pohmaw (Laitmynrieng)	25.33011	91.88981	Laitmynrieng	Community	Spring Tap Chamber	1	2
22	Wah Pynlang (wah lyngkhat)	25.33475	91.88833	Wah Lyngkhat	Community	Spring Tap Chamber	0.5	1
23	Wah Rngi	25.35697	91.89258	Mawlieh	Community	Stone masonry Tap Chamber	0.025	2
24	Wah Shilliang	25.35653	91.89261	Mawlieh	Community	Stone masonry Tap Chamber	.5	4
25	Wah Shyngiar (wah lyngkhat)	25.33253	91.8895	Wah Lyngkhat	Community	Spring Tap Chamber	5	10
26	Wah shynrang hati(Laitmynrieng)	25.33214	91.89558	Laitmynrieng	Community	Spring Tap Chamber	0.357	1
27	Wah Surok	25.35897	91.892	Mawlieh	Community	Spring Tap Chamber	0.05	2
28	Wah Tlang	25.33003	91.88233	Laitshuthim	Community	Spring Tap chamber (MRDS)	0.5	1
29	Wah Twa 1	25.35694	91.89092	Mawlieh	Community	Spring Tap Chamber	0.0625	2
30	Wah Twa 2	25.35714	91.89075	Mawlieh	Community	Spring Tap Chamber	1.21	2
31	Wahiamphan	25.34439	91.90189	Langkyrdem	Community	Open Spring	6	12
32	Wahshyngiar	25.35428	91.90258	Laitlyting	Community	Stone masonry Tap Chamber	10	20
33	Dongskul Wahlyngkhat	25.33513	91.88353	Wahlyngkhat	Community	RCC Structure	18	40
34	Jalynsiang	25.38831	91.86589	Massar	Community	Open Spring	60	120
35	Kliar wah umrem	25.32061	91.90426	Wahlyngkhat	Community	Dugout well 0.6m dia supply system	1.67	5

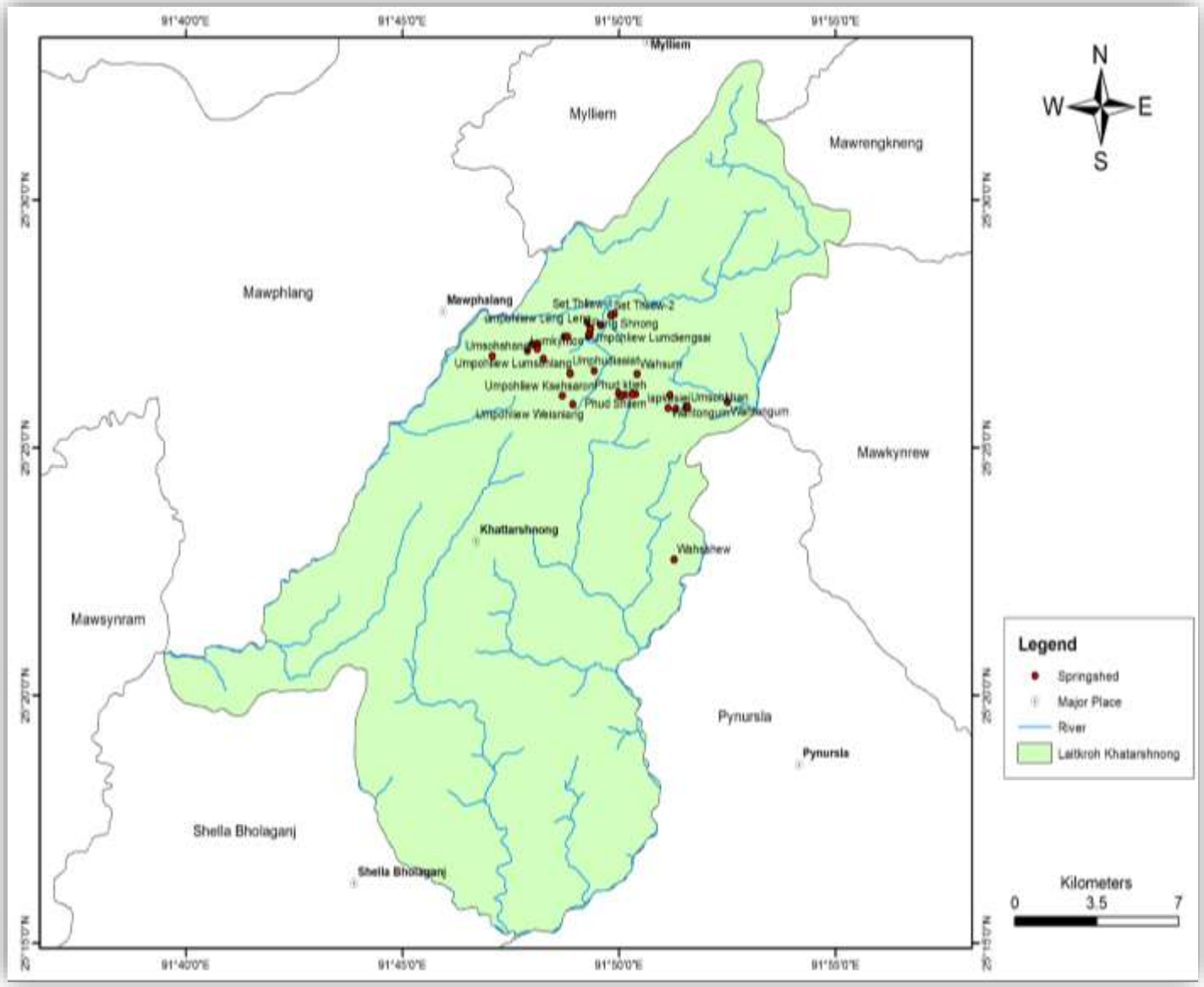
PYNURSLA C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
36	Kliar wah umsem	25.31703	91.90464	Wahlyngkhat	Community	RCC Structure	20	240
37	Krem myrsiang	25.34672	91.89845	Langkyrdem	Community	RCC Structure	5.7	11
38	Krem myrsiang	25.34222	91.89486	Langkyrdem	Community	RCC Structure	6.67	60
39	Krem Myrsing	25.34647	91.89964	Langkyrdem	Community	RCC Structure	6	12
40	Langkaliang	25.34331	91.89583	Langkyrdem	Community	Spring Tap Chamber (NREGS)	30	360
41	Lumpynshang	25.33656	91.88728	Wahlyngkhat	Community	Roof top CC Structure	6.25	40
42	Mawbeh	25.35436	91.85286	Mawbeh	Community	Spring Tap Chamber (NREGS)	1.363	3
43	Mawiong Heh	25.34831	91.89933	Langkyrdem	Community	Spring Tap chamber	1	12
44	Mawiong Pdeng	25.34853	91.89911	Langkyrdem	Community	Spring Tap chamber	5	12
45	Mawiong Rit	25.34903	91.89869	Langkyrdem	Community	Local cover	1.66	3
46	Mawknor	25.347	91.85514	Wah Khen	Community	Spring Tap Chamber (NREGS)	15	180
47	Pamkahir	25.34739	91.89489	Langkyrdem	Community	Open Spring	1	2
48	Phud pnung	25.34225	91.89481	Mawkasain	Community	Open Spring	1.25	15
49	Shangkaitor	25.34359	91.89682	Langkyrdem	Community	Supply system to storage tank	26.67	53
50	Shangkaitor A	25.34219	91.89486	Langkyrdem	Community	Open Spring	1.136	2
51	Wah Jingkynruh Sohphlang	25.47303	91.92303	Raplang	Community	Open Spring	7	5
52	Wah Kawai	25.34994	91.85136	Wah Khen	Community	Open Spring	10	13
53	Wah Ktieh	25.34661	91.89822	Langkyrdem	Community	Washing Platform	5	6
54	Wah Lyngdoh	25.379	91.85453	Mawbeh	Community	Spring Tap Chamber (PHE)	15	30

PYNURSLA C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
55	Wah Lyngnong	25.34947	91.89831	Langkyrdem	Community	Open Spring	0.22	3
56	Wah shyngiar	25.35211	91.90294	Langkyrdem	Community	Spring Tap chamber (NRGS)	66.6	133
57	Wah u Ram	25.34378	91.39525	Langkyrdem	Community	Spring Tap Chamber (NREGS)	30	60
58	Wah Umksong	25.34739	91.85217	Wah Khen	Community	Spring Tap Chamber	6	12
59	Wahrew	25.39306	91.86747	Pomlum /Massar	Community	Spring Tap Chamber	0.125	2
60	Wahrew A	25.39192	91.86697	Pomlum /Massar	Community	Spring Tap Chamber	7.5	15
61	Wahsahew	25.379	91.85453	Massar	Community	Spring Tap Chamber (PHE)	6	20
62	Wahseinion	25.34422	91.89314	Langkyrdem	Community	Open Spring	0.5	1
63	Wahsohphie	25.34555	91.89878	Langkyrdem	Community	Dugout pond with 120cm dia pipe	2.67	20

Springmap Of Laitkroh-Khatarshnong



KHATARSHNONG-LAITKROH C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Umshyngiar	25.43425	91.853	Umthli	Community	Spring Tap Chamber (community)	12	24
2	Umsohkhan	25.43019	91.85972	Umthli	Community	Spring Tap Chamber (NREGS)	8	16
3	Wahtongum	25.43186	91.87511	Umthli	Community	Spring Tap Chamber (community)	0.75	2
4	Wahtongum	25.43186	91.87511	Umthli	Community	Spring Tap Chamber (community)	1	2
5	Wah Thilda	25.43039	91.85911	Umthli	Community	Spring Tap Chamber (NREGS)	0.6	1
6	Lapkusiej	25.429972	91.85219	Umthli	Community	Spring Tap Chamber (community)	2	4
7	Ktieh Bania	25.42975	91.85519	Umthli	Community	Spring Tap Chamber (NREGS)	3	6
8	Umpohliew Lumsohlang	25.44159	91.81457	Kyrdemkhla	Community	Covered RCC Tank	1.88	4
9	Umphudiasiat	25.44245	91.82378	Kyrdemkhla	Community	Open CC Tank	1.5	3
10	Umsohshang	25.447444	91.78453	Laitkynsew	Community	Open CC Tank	0.7	1
11	Lumkyntoo	25.44918	91.79817	Lumkyntoo	Community	Open CC Tank	1.1	2
12	Umpohliew Themmusiang -01	25.45391	91.81229	Nongthymmai	Community	Covered RCC Tank	3	6
13	Shyngiar Shnong	25.4515	91.80183	Nongthymmai	Community	Open CC Well	7.79	16
14	Umpohliew Myrtha -02	25.45398	91.81344	Nongthymmai	Community	Open Dugout well	1.33	3
15	Umpohliew Myrtha -03	25.45869	91.8211	Nongthymmai	Community	Open Dugout pond	26.25	53

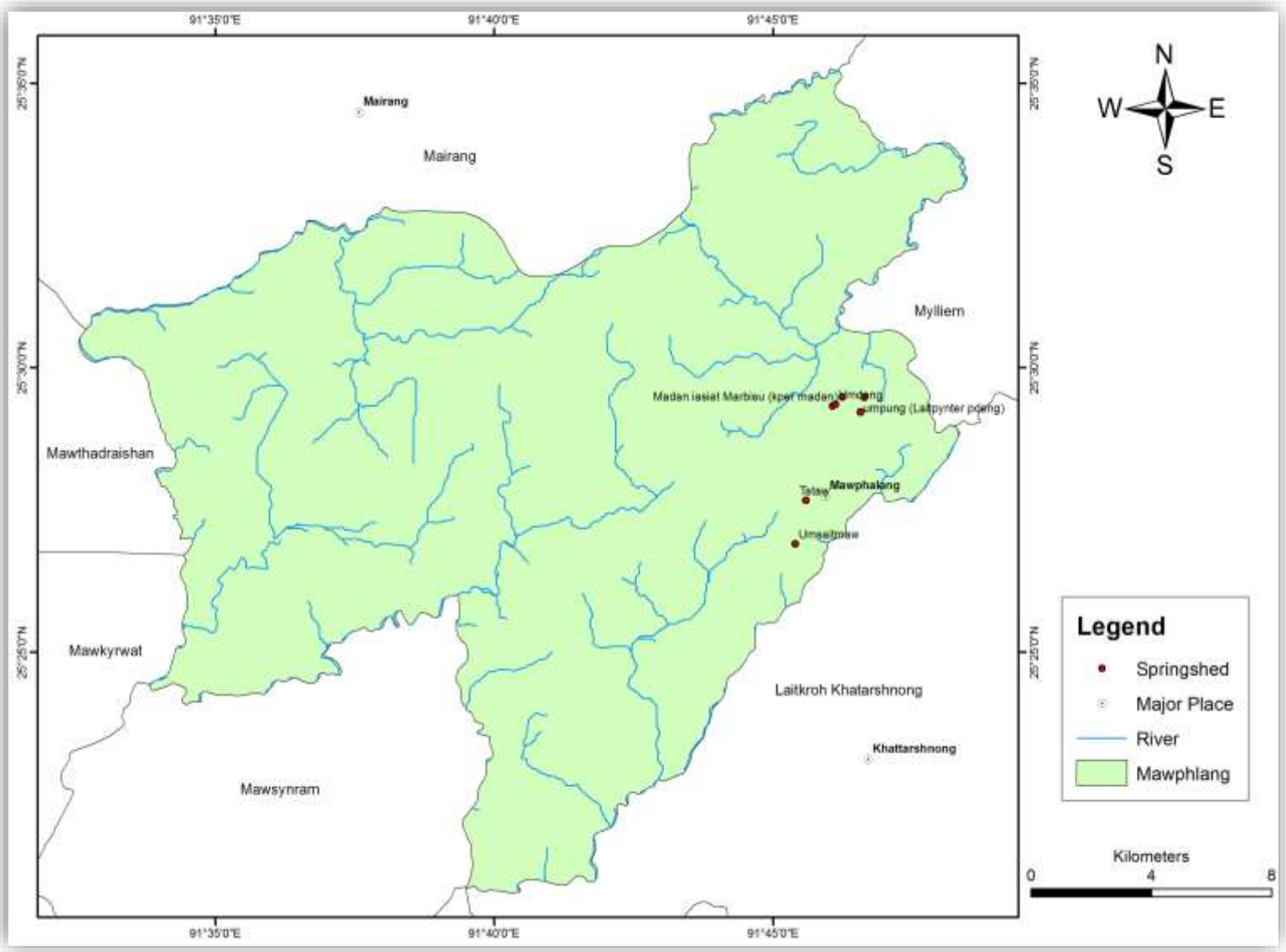
KHATARSHNONG-LAITKROH C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
16	Umpohliew Sohmon	25.44985	91.80177	Nongthymmai	Community	Covered RCC Tank	4	8
17	Umpohliew Wahshnong	25.45142	91.79988	Nongthymmai	Community	Covered RCC Tank	2.6	5
18	Pungumkor	25.437972	91.8155	Mawjrong	Community	Covered RCC Tank	1.6	3
19	Umpohliew Kharleiniong	25.44652	91.80422	Mawjrong Mynsain	Community	Open Dugout well	1.2	2
20	Umpohliew Ksehsaron	25.43397	91.8115	Diengkynthong	Community	Covered RCC Tank	3	6
21	Umpohliew Weisniang	25.43124	91.81551	Diengkynthong	Community	Covered RCC Tank	0.56	1
22	Umpohliew Leng Leng	25.45671	91.82231	Lumkyntung	Community	Covered RCC Tank	1	2
23	Umpohliew Lumdiengsai	25.45395	91.82162	Lumkyntung	Community	Open CC Tank	1.5	3
24	Umpohliew Themmewmor	25.45783	91.8262	Lumkyntung	Community	Open CC Well	3.79	8
25	Pung Shnong	25.45495	91.82184	Lumkyntung	Community	Covered RCC Tank	8.82	18
26	Riat rabashe (Lumthangding)	25.43385	91.83406	Laitlyngkot	Community	Open Spring (Free Flow)	17	34
27	Set Thliew-1	25.46165	91.83151	Laitlyngkot	Private	Jalkund type structure	20	40
28	Set Thliew-2	25.46112	91.83016	Laitlyngkot	Community	Open Dugout Well	0.4	1
29	Phud-Rynjah-1 (lumthangding)	25.43476	91.83846	Laitlyngkot	Community	Open Dugout Well	3.3	7
30	Phud-Rynjah-2 (lumthangding)	25.43453	91.8385	Laitlyngkot	Community	Open Flow Spring	10	20
31	Phud ktieh	25.434389	91.83558	Lumthangding	Community	Spring Tap Chamber (NREGS)	0.16	3

KHATARSHNONG-LAITKROH C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
32	Phud rynjah A	25.434694	91.8385	Lumthangding	Community	Spring Tap Chamber (NREGS)	3.84	8
33	Phud rynjah B	25.434667	91.83961	Lumthangding	Community	Spring Tap Chamber (NREGS)	4.16	8
34	Phud Shilem1	25.434889	91.83308	Lumthangding	Community	Spring Tap Chamber (WDPSA)	0.16	2
35	Phud Shilem2	25.434489	91.83003	Lumthangding	Community	Spring Tap Chamber (WDPSA)	4	8
36	Wahsum	25.441361	91.84017	Lumthangding	Community	Spring Tap Chamber (community)	1.92	4
37	Umpohliew Madan Dewiong	25.46458	91.8269	Umtyngar	Community	Covered RCC Tank	2	4
38	Umpyndihkulai	25.45843	91.82515	Umtyngar	Community	Covered RCC Tank	0.5	1
39	Umtlang Wahshnong	25.45041	91.84193	Iewshillong Laitlyngkot	Community	Covered RCC Tank	2.6	5
40	Wah tongum	25.45055	91.841	Iewshillong Laitlyngkot	Community	Covered RCC Tank	6	12
41	Umpohliew Umtlang	25.4468	91.83726	Madanlyngkhi	Community	Covered RCC Tank	2.5	5
42	Umpohliew Mawbri	25.45058	91.83269	Madanlyngkhi	Community	Covered RCC Tank	14	28
43	Umpohliew Mawlum	25.44373	91.83325	Madanlyngkhi	Community	Covered RCC Tank	2.5	5
44	Umpohliew Pamsniang	25.4493	91.8344	Madanlyngkhi	Private (Smt.Bajentina Diengdoh)	Dugout well	5.5	11
45	Umpohliew wah nonglum	25.45493	91.8944	Madanlyngkhi	Private (Smt.Bajentina Diengdoh)	Dugout well	2	4

Springmap Of Mawphlang



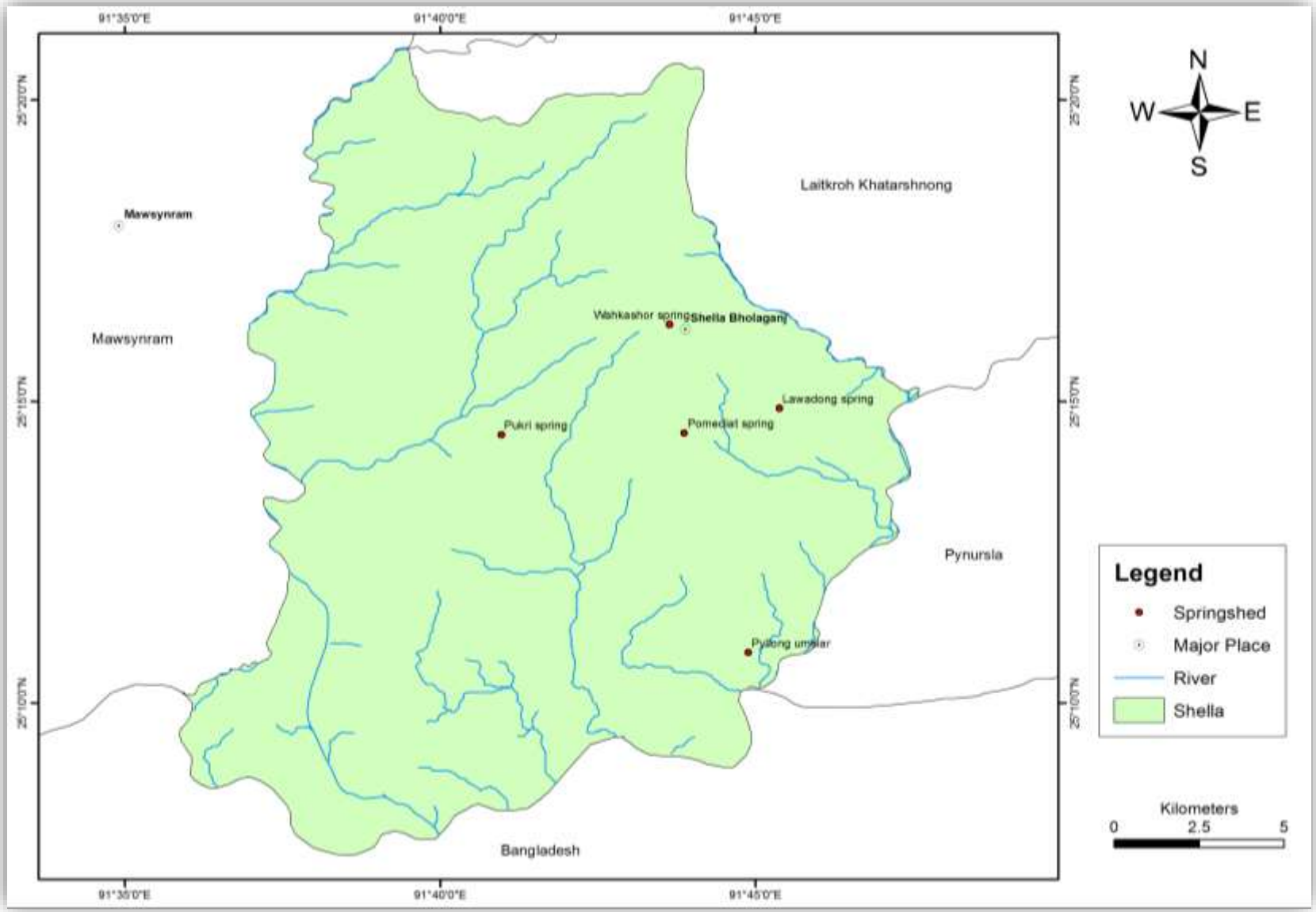
Lean Season Data

Peak Season Data

MAWPHLANG C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Synrang kaban	25.49132	91.77722	Synrang Kaban (Laitpynther) Mawngap	Community	Ring well	1	8
2	Tataw	25.46109	91.75976	Lad Umrisain (Mawphlang)	Community	Spring tap chamber	1.43	20
3	Umdong	25.48925	91.76862	Madan Iasiat Marbisu	Private Land	Spring tap chamber	4	50
4	Umpung (Laitpynter pdeng)	25.48709	91.7761	Lait Pynter Pdeng(Mawngap)	Community	Spring tap chamber	5	70
5	Umsaitmaw	25.44835	91.75661	Nongrum Village (Mawphlang)	Community	Spring tap chamber	3.33	18
6	Wah Ktieh	25.49149	91.7707	Mawbynna Marbisu	Community	RCC chamber	2	10
7	Lait pynter pdeng(um pung)	25.48709	91.7761	Lait Pynter Pdeng	Community	Spring tap chamber	15	30
8	Madan iasiat Marbisu (kper madan)	25.4887	91.76777	Madan Iasiat Marbisu	Community	Open source	1	30
9	Mawbynna	25.49014	91.76906	Mawbynna	Community	Open source	1	2
10	Mawbynna	25.49147	91.77081	Mawbynna	Community	Spring tap chamber	1	2

Springmap Of Shella Bholaganj

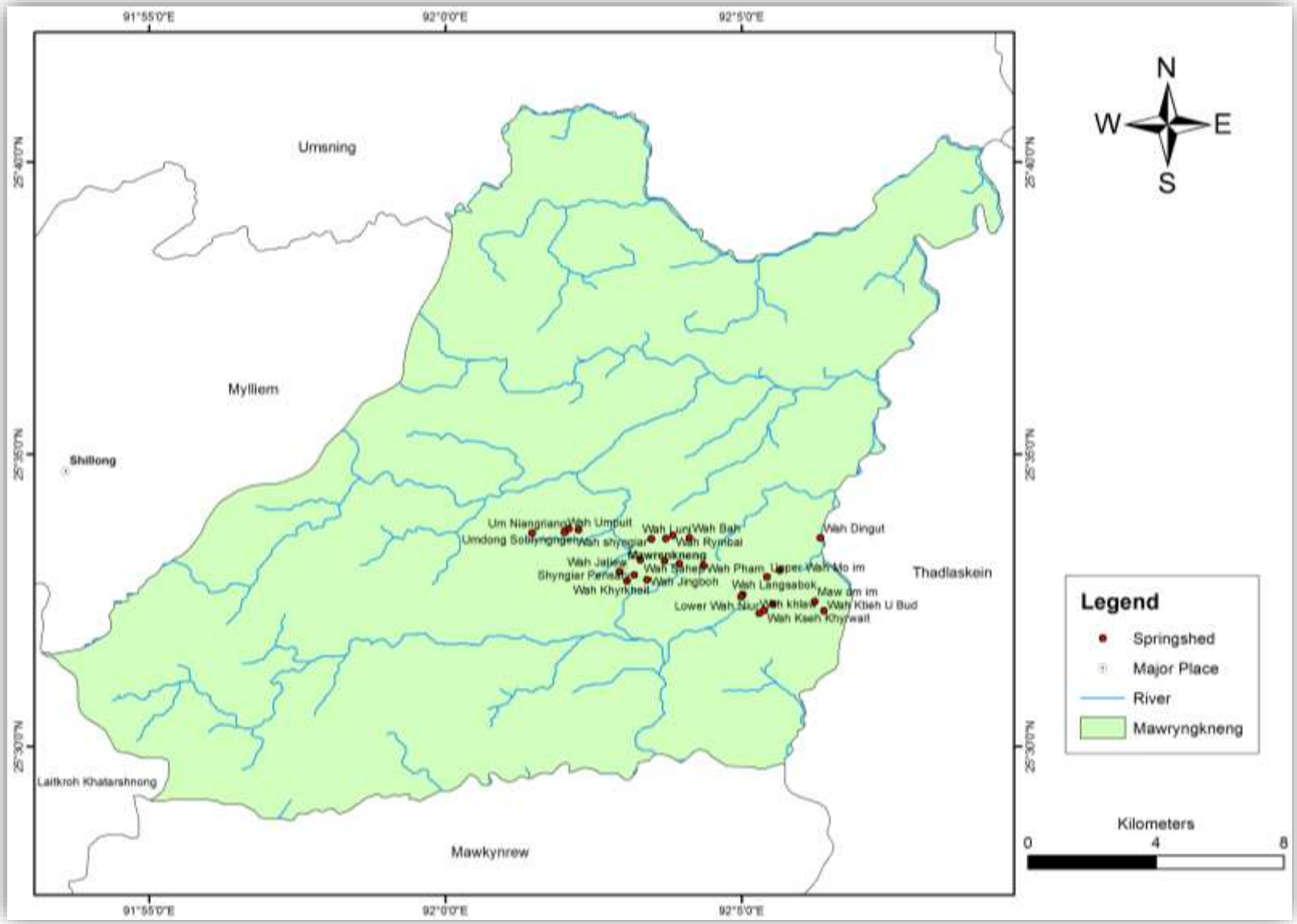


Peak Season Data

SHELLA-BHOLAGANJ C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Lawadong spring	25.24814	91.75629	Kutmadan	Community	Spring tap chamber	1.57	10
2	Pomediat spring	25.24131	91.73111	Mawsmai	Community	Spring tap chamber	17.65	15
3	Pukri spring	25.24084	91.68274	Tyrna	Community	Covered R.C.C. Tank with washing platform	5.58	60
4	Pyllong umsiar	25.1807	91.74809	Tharia	Community	Spring tap chamber	1800	15
5	Wahkashor spring	25.27137	91.72717	Mawkisyiem	Community	Spring tap chamber	2.14	40

Springmap Of Mawryngkneng



Lean Season Data

Peak Season Data

MAWRYNGKNENG C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Lower Wah Mo im	25.5502	92.09398	Puriang	Community	Covered R.C.C. Tank & C.C. storied covered with roof top	3.08	6
2	Lower Wah Niur	25.54281	92.08314	Puriang	Community	Covered R. C.C. Tank	27.8	56
3	Maw um im	25.54139	92.10383	Puriang	Community	Covered R. C.C. Tank	1.5	3
4	Shyngiar Pensary	25.54893	92.05314	Mawryngkneng	Community	Covered R.C.C. Tank	17.7	35
5	Um Niangriang	25.56093	92.02434	Ksehpongdeng	Community	Covered R.C.C. Tank	38	76
6	Umdong Sohlyngngei	25.56174	92.03744	Ksehpongdeng	Community	Covered R.C.C. Tank	20.83	42
7	Umsawli traishnong -01	25.57997	91.95976	Mawlynrei Nonglum	Community	Rectangular pond with net fencing	38	80
8	Umsawli traishnong -02	25.58	91.95798	Mawlynrei Nonglum	Community	Spring tap chamber	2.6	30
9	Umsawriang Diengpasoh	25.59236	92.03864	Diengpasoh	Community	Spring tap chamber	5	10
10	Umsawriang Diengpasoh	25.59236	91.03872	Diengpasoh	Community	Spring tap chamber	5	100
11	Umshyngiar Lapalang	25.56201	92.03482	Ksehpongdeng	Community	Direct use with G.I Pipe.	13.34	27
12	Umshyngiar Lapalang (No.4)	25.56206	92.03348	Ksehpongdeng	Community	Direct use with G.I Pipe.	3	18
13	Umtuh,Diengpasoh	25.59332	92.03888	Diengpasoh	Community	Spring tap chamber	14.2	50

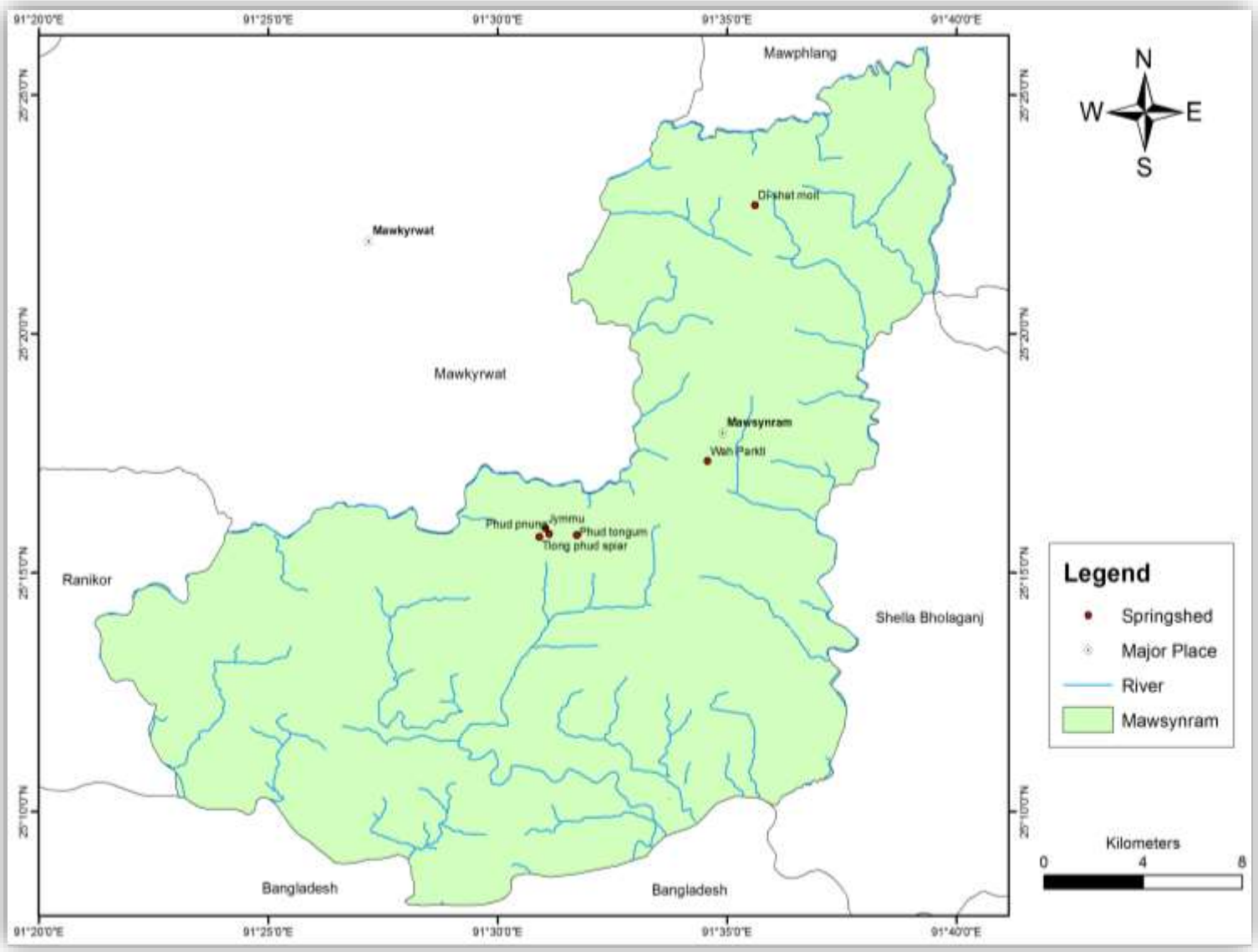
MAWRYNGKNENG C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
14	Upper Wah Mo im	25.54835	92.09043	Puriang	Community	Covered R.C.C. Tank & C.C. storied covered	3.13	6
15	Upper Wah Niur	25.54669	92.08808	Puriang	Community	C.C. tank covered with Roof top.	0.7	1
16	Upper Wah Niur (No-7)	25.54675	91.08808	Puriang	Community	C.C. tank covered with Roof top.	2	8
17	Wah Bah	25.55952	92.06859	Mawryngkneng	Community	Covered R.C.C. Tank	15.4	31
18	Wah Dingut	25.5595	92.10543	Puriang	Community	Covered R.C.C. tank and attach Opened C.C. tank	9.6	19
19	Wah Iapshyndiet	25.54286	92.05425	Mawryngkneng	Community	Covered R.C.C. Tank	9.3	19
20	Wah Jaliew	25.54989	92.04898	Mawryngkneng	Community	Covered R.C.C. Tank	6.67	50
21	Wah Jingboh	25.54762	92.05667	Mawryngkneng	Community	Covered R.C.C. Tank	5	10
22	Wah khlaw	25.53791	92.08833	Puriang	Community	Covered R.C.C Tank with roof top	1.5	3
23	Wah Khyrkhoit	25.5473	92.05104	Mawryngkneng	Community	Covered R.C.C. Tank	4	8
24	Wah Kseh Khyrwait	25.53888	92.08962	Puriang	Community	Covered R.C.C Tank	6.67	10
25	Wah Kseh Khyrwait (1)	25.53786	92.08822	Puriang	Community	Covered R.C.C Tank	6.67	13
26	Wah Ktieh U Bud	25.53872	92.10647	Puriang	Community	Spring tap chambers	7.5	4
27	Wah Langsabok	25.5434	92.08358	Puriang	Community	Use with bamboo Channel.	17.39	35
28	Wah Luni	25.55932	92.06202	Mawryngkneng	Community	Covered R.C.C. Tank	4.8	10
29	Wah Manlang	25.55286	92.06167	Mawryngkneng	Community	Covered R.C.C. Tank	10	20

MAWRYNGKNENG C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
30	Wah Mawim	25.55811	92.10378	Puriang	Community	Covered R. C.C. Tank	1.20	3
31	Wah Mawiong	25.54062	92.09209	Puriang	Community	Covered R.C.C. tank	0.85	2
32	Wah Mawiong (no-3)	25.54061	92.08822	Puriang	Community	Covered R.C.C. tank	0.85	2
33	Wah Pham	25.55165	92.07258	Mawryngkneng	Community	Covered R.C.C. Tank	4	8
34	Wah Rymbai	25.56024	92.064	Mawryngkneng	Community	Covered R.C.C. Tank	11.45	23
35	Wah Sahep	25.55316	92.05486	Mawryngkneng	Community	Covered R.C.C. Tank	24.09	48
36	Wah shyngiar	25.55923	92.05783	Mawryngkneng	Community	Covered R.C.C. Tank	20	40
37	Wah Umpuit	25.56117	92.03347	Ksehpongdeng	Community	C.C. Tank covered with roof top.	20	40
38	Wahbaiong	25.55215	92.06584	Mawryngkneng	Community	Covered R.C.C. Tank	18	36
39	Wahbaiong (No.2)	25.58544	92.06589	Mawryngkneng	Community	Covered R.C.C. Tank	18	36
40	Wah Umpongnai	25.5831	91.9498	Mawlynrei Nonglum	Community	Spring tap chamber	60	30

Springmap Of Mawsynram

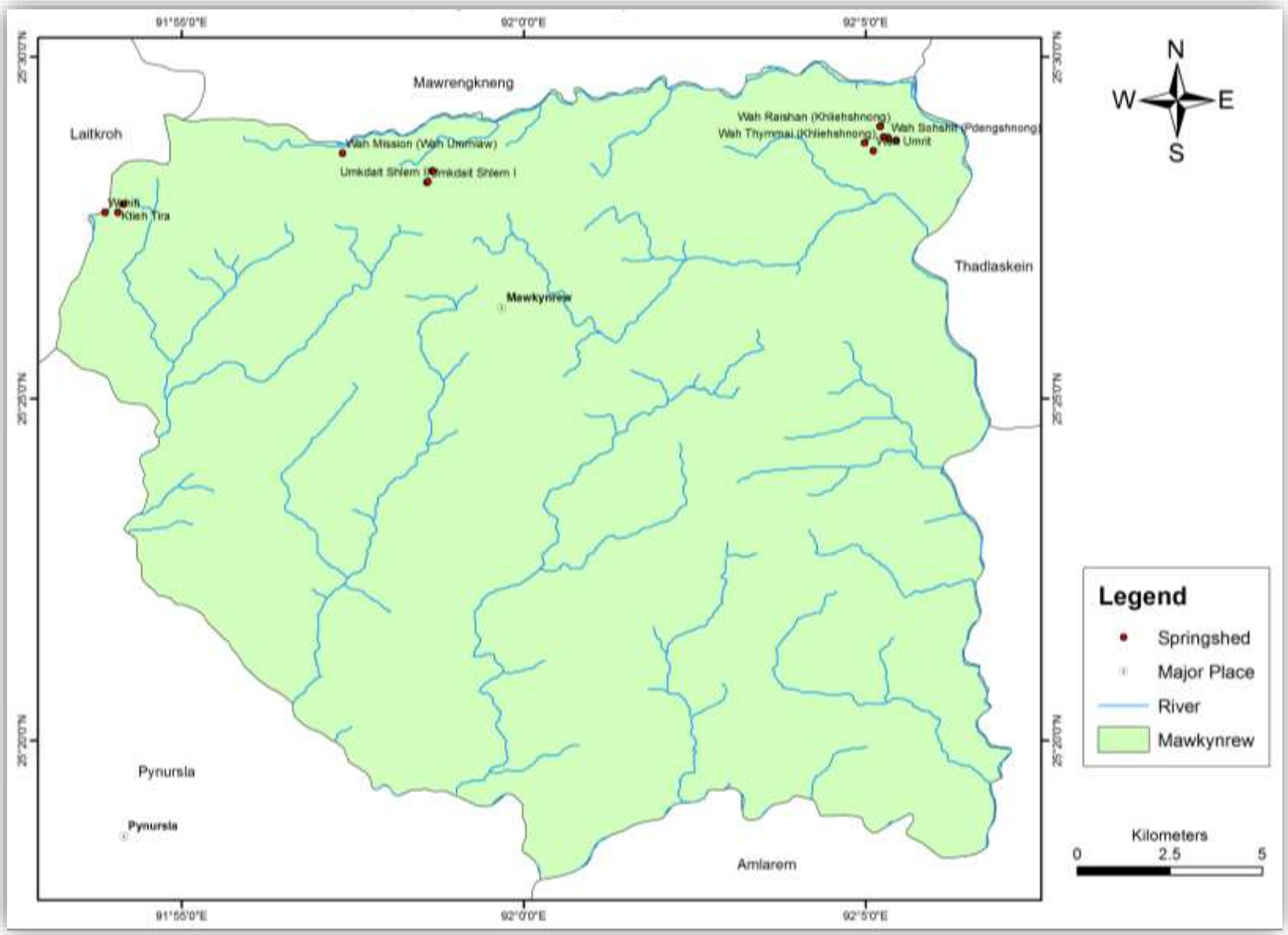


Peak Season Data

MAWSYNRAM C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Di-shat moit	25.37826	91.59343	Langsymphut	Community	Covered R.C.C. Tank	6.67	30
2	Jymmu	25.26546	91.51712	Mawkasain	Community	Covered R.C.C. Tank	12	50
3	Phud pnung	25.26357	91.51864	Mawkasain	Community	Open Spring	1.25	30
4	Phud tongum	25.26311	91.52855	Mawkasain	Community	Spring tap chamber	30	80
5	Phud tongum	25.27331	91.52167	Mawkasain	Community	Open Spring	21.82	80
6	Tlong phud spiar	25.26251	91.51503	Mawkasain	Community	Covered R.C.C. Tank	3.75	15
7	Twah lut masi	25.38439	91.5709	Langsymphut	Community	Open Spring	6	40
8	Twah lut masi	25.38262	91.59283	Langsymphut	Community	Spring tap chamber	6	40
9	Wah Parkti	25.28895	91.57615	Mawsynram	Community	Open Spring	13.33	10

Springmap Of Mawkynrew

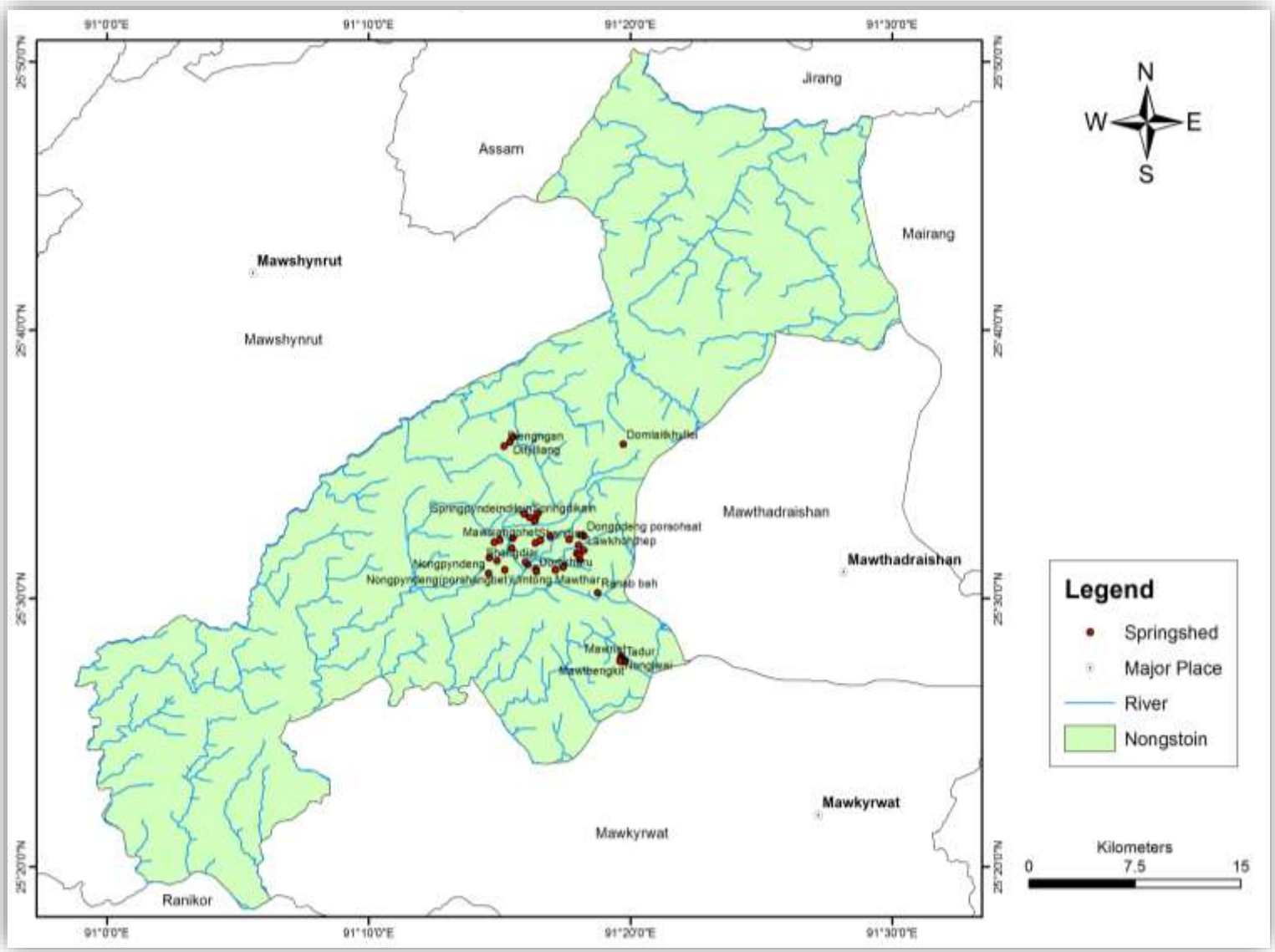


Lean Season Data

MAWKYNREW C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Ktieh Tira	25.46217	91.90118	Laitkyrhong	Community	Spring tap chamber	4.67	50
2	Phud-byrsaw	25.46421	91.90255	Laitkyrhong	Community	Spring tap chamber	7	80
3	Umkdait Shlem I	25.46951	91.97643	Jongksha	Community	Spring tap chamber	52.17	104
4	Umkdait Shlem II	25.46967	91.97663	Jongksha	Community	Spring tap chamber	52.17	104
5	Umshyngiar Nongshilliang	25.47229	91.97775	Jongksha	Community	Spring tap chamber	54.55	109
6	Umshyngiar, Mission	25.474	91.95939	Jongksha	Community	Underground storage tank	3	9
7	Wah Mission (Wah Ummiaw)	25.47658	91.95585	Jongksha	Community	Underground storage tank	75	100
8	Wah Raishan (Khliehshnong)	25.48315	92.08675	Nongjrong	Community	Open C.C tank	0.4	20
9	Wah Shnong (Pdengshnong)	25.47969	92.09064	Nongjrong	Community	Covered R.C.C. tank and washing platform.	1	19
10	Wah Sohshit (Pdengshnong)	25.48042	92.08871	Nongjrong	Community	Open C.C tank	3.89	19
11	Wah Thymmai (Khliehshnong)	25.47911	92.083	Nongjrong	Community	Covered R.C.C. Tank	0.6	1
12	Wah Tyrkhang (Pdengshnong)	25.48061	92.08766	Nongjrong	Community	Open C.C tank	2	9
13	Wah Umrit	25.47719	92.08511	Nongjrong	Community	Open C.C tank	2.5	5
14	Wahiti	25.46217	91.89794	Laitkyrhong	Community	Spring tap chamber	6	40

Springmap Of Nongstoin



Lean Season Data

Peak Season Data

NONGSTOIN C & RD LOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Domkharu	25.51672	91.27331	Dong Nongrim/Upper New Nongstoin	CC spring chamber	2.13	8
2	Domlaitkhyllei	25.59579	91.3289	Umsumbah	RCC	120	35
3	Dommawthar	25.51845	91.27321	Upper New Nongstoin, Dong nongrim	RCC tank	5	80
4	Domthungkper	25.4614	91.32969	Nonglwai	RCC	1.14	2
5	Dong Pdengshnong near St.Peter School	25.53759	91.25824	Pyndengrei Village,Dong Pdengshnong	Open drinking well build by the benefitted family	2	30
6	Kroh Jyrkhieh	25.52619	91.30362	Nongritong Nongstoin	Temporary structure and connected by polythene pipe	1	2
7	Lawkhohthep	25.52985	91.30389	Nongritong ,Lawkhohthep	Chamber and connected by polythene pipe	1	5
8	Lawkhohthep	25.52996	91.03831	Nongritong Nongstoin	Chamber and connected by polythene pipe	1	2
9	Mawbynbar	25.53636	91.24988	Siejlieh, Siejlieh Pdengshnong	Spring Chamber constructed by the community	3	50
10	Mawkhlam	25.52341	91.24845	Mawkhlam, Porlangkait	RCC spring chamber connected with pipe	2	10
11	Mawriat	25.46274	91.32707	Nonglwai	Loosely constructed water reservoir (boulder structure)	7.51	15
12	Nonglwai	25.46406	91.3275	Nonglwai	Boulder structure	3	6

NONGSTOIN C & RD LOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
13	Nongpyndeng	25.51928	91.2551	Nongpyndeng, Nongstoin	CCspring chamber	1	10
14	Nongpyndeng(porshangbet)	25.51782	91.25334	Nongpyndeng, Porshangbet	CCspring chamber	1	20
15	Pung jaka iathied phan	25.533	91.30028	Porsohsat Village ,Thiedsohphan	R.C.C Chamber connected to user by polythene pipe	3	4
16	Ranab bah	25.50345	91.31244	Dom wahlang, Nongstoin	RCC tank	4.28	10
17	Shandiar	25.53461	91.27273	Tiehsaw ,khlieh shnong	Dug out drinking well with G.I Pipe & Tap	6	20
18	Shangdiar	25.52252	91.26652	Lad-vitang,Themiew	Spring Chamber constructed under MGNREGS	9.46	80
19	Spingthawlangmlah (Pung syiem)	25.52115	91.26775	New Nongstoin, Spingthawlangmlah	Spring Tap chamber constructed 15years back	6.81	150
20	Tiehrit Pyndengrei	25.53116	91.25779	Pyndengrei Village,Tiehrit	R.C.C spring chamber Construction	3	20
21	Umtong mawlong	25.53625	91.27577	Tiehsaw, Khlieh shnong	RCC spring tap chamber	6.6	10
22	Umtong Mawthar	25.51776	91.28547	Mawkawah ,	RCC spring chamber connected with pipe	1.46	25
23	Umtong Mawtynrong	25.52541	91.24353	Mawtynrong, Mawkhlam	Loosely constructed water reservoir	2.5	30
24	Umtong Pdengshnong	25.53839	91.28243	Mawrusiar, Mawrusiar	RCC spring tap chamber	8.62	10
25	Diengngan	25.59475	91.25289	Mawrok Mawlangniang	RCC	0.92	2
26	Dikain	25.55026	91.26924	Mawthawniaw	No construction	9	18

NONGSTOIN C & RD LOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
27	Ditylliang	25.59717	91.25668	Mawrok Mawlangniang	Cement concrete	0.96	2
28	Dom Mawthar/Upper New Nongstoin	25.51844	91.27319	Upper New Nongstoin	Drinking well	2.65	5
29	Domkharu/Dong Nongrim Upper New Nongstoin	25.51675	91.27332	Upper New Nongstoin	Dug out well with C.C	0.86	2
30	Dommawrok Porsohsat	25.53938	91.30185	Porsohsat	RCC	7.3	15
31	Dompaton Porsohsat	25.53693	91.29416	Porsohsat	RCC	5	10
32	Dongpdeng Porsohsat	25.53884	91.30369	Porsohsat	Cement concrete	7	15
33	Khlieh law tein thap	25.527321	91.30072	Nongritong	Cement concrete	4.91	35
34	Khlieh Dongpor Riamsim	25.5362	91.2757	Tiehsaw, Nongstoin	Dug out well with C.C	3	5
35	Kroh Jyrkhieh	25.52413	91.30095	Nongritong ,Kroh Jyrkhieh	Dug out well with C.C	2	5
36	Kyndang Siej ryntieh	25.60031	91.2586	Mawrok Mawlangniang	Cement concrete	1	2
37	Lawnimon/Mawkawah	25.50584	91.30631	Khliehmawlieh Nongstoin	CC dam	3.75	8
38	Madan Shnong Nonritong	25.52813	91.29917	Nongritong	Cement concrete	4.91	10
39	Mawbynbar	25.53638	91.2551	Siejlieh	Spring Chamber constructed by the community	9.65	19
40	Mawsiangphet	25.53512	91.24656	Siejlieh,Langdait	RCC	3.5	45

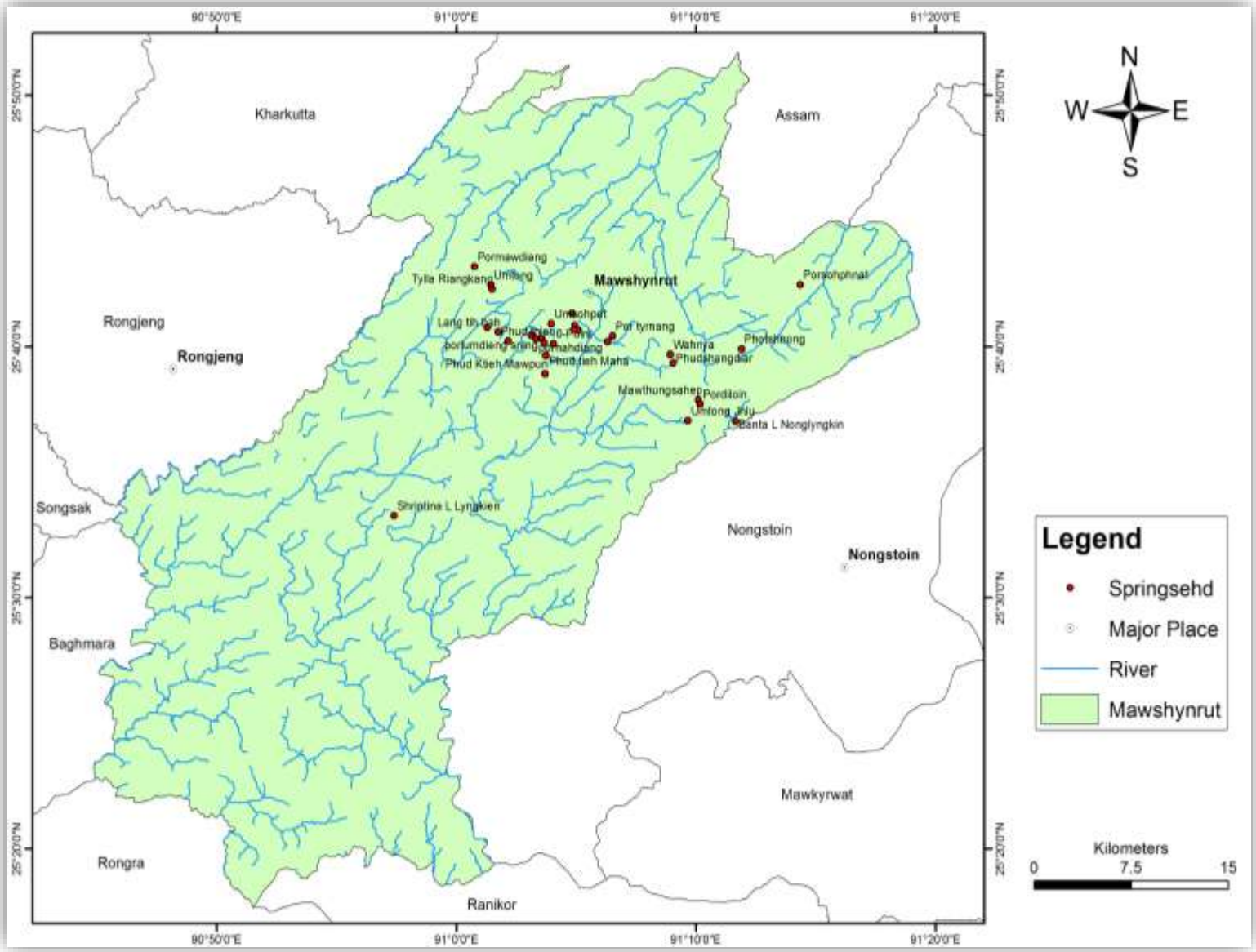
NONGSTOIN C & RD LOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
41	Mawthengkit	25.46132	91.32669	Nonglwai	RCC	6	10
42	Nongpyndeng	25.51557	91.24294	Nongpyndeng	Not yet constructed	1.85	4
43	Por Riamsim/ Khlieh dongpor Riamsim	25.5362	91.2757	Khlieh Dongpor Riamsim	Dugout well with CC	0.54	1
44	Pyndeindilein	25.549855	91.27296	Mawthawniaw	RCC cement	1	2
45	Pyndenmawphor	25.55253	91.2656	Mawthawniaw	No construction	5	10
46	Spring Pyndenmawphor	25.55253	91.2656	Mawthawniaw	No construction	5	10
47	SpringDikain	25.55026	91.26924	Mawthawniaw	No construction	9	18
48	SpringPyndeindilein	25.549855	91.27296	Mawthawniaw	RCC cement	1	2
49	Springtheming kongbri	25.54829	91.27238	Mawthawniaw	No construction	4	8
50	Springthemingdorbar	25.5527	91.27405	Mawthawniaw	RCC	9	18
51	Tadur	25.460944	91.3285	Nonglwai	RCC	5	10
52	Theming kongbri	25.54829	91.27238	Mawthawniaw	No construction	4	8
53	Themingdorbar	25.5527	91.27405	Mawthawniaw	RCC	9	18
54	Thiedsohphan	25.533	91.30032	Porsohsat Village	R.C.C Chamber connected to user by polythene pipe	17	4

NONGSTOIN C & RD LOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
55	Umtongsurok Kyllain	25.51958	91.29028	Mawkawah	Not constructed	1.5	24
56	Umtong	25.52989	91.24591	Mawtynrong	Loosely constructed water reservoir	1.15	42

Springmap Of Mawshynrut



Lean Season Data

Peak Season Data

MAWSHYNRUT C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Bandarigre	25.38883	90.82436	Bandarigre	Open Spring	0.5	1
2	Lang tih bah	25.67629	91.02897	Lumdingsong ,Y.Longtiehbah	Open Spring	1	6
3	Phud Ktieh Mawpun	25.648541	91.06166	Mawpun-H,Ktieh Mawpun	Open Spring	1.2	3
4	Phud thlen	25.67028	91.03595	Tynrong Riangkhon,Porthlen	Open Spring	1.1	15
5	Phud tieh Maha	25.66064	91.06198	Porshih	Open Spring	1	5
6	Phud tong um(near resident of Pasan Phring)	25.66911	91.06111	Bangla Pluh	Open Spring	2.77	25
7	Phudshangdiar	25.65578	91.15068	Seinduli-I , Phudshangdiar	RCC Spring Tap chamber	8	100
8	Por tyrnang	25.67371	91.10862	Porla,	Open Spring(boulder structure)	7.86	15
9	Porbangla Pluh	25.670222	91.057222	Pormawrthaw	Open Spring	1.5	3
10	Pordiloin	25.62606	91.1684	Thipjaphlang	Open Spring	6.45	13
11	Pordiloin	25.62895	91.16944	Thipjaphlang	Open Spring	4.54	9
12	Pormawdiang	25.71961	91.01257	Mawdiang	Open space	0.2	2
13	Por Pormawthaw	25.40215	91.0334	Pormawthaw	Open Spring	1.1	2
14	Por Pormawthaw	25.40181	91.03329	Pormawthaw	Open Spring	2	4
15	Porrengken	25.71854	91.01012	Mawdiang	Open Spring	1.7	3
16	Porshih	25.40064	91.04023	Banglapluh	Open Spring	1.7	3
17	Porsohphnat	25.70763	91.2392	Pyndengsohphnat	Open Spring	2.1	7
18	Porthlen	25.67026	91.03603	Tynrong Riangkhon	Boulder structure (1.5 m dia)	1.1	2
19	Pung dongsohram	25.66985	91.10517	Porla,	RCC spring tap chamber	1.5	20
20	Pungtongum shnong	25.67934	91.02141	Mawtynrong,Pungtongum Shnong	Boulder structure	1	10
21	Ranapdiang	25.61972	91.1621	Thipjaphlang	Open Spring	1	2
22	Tylla Riangkang	25.70506	91.0247	Riangkang	wooden dam	2	4

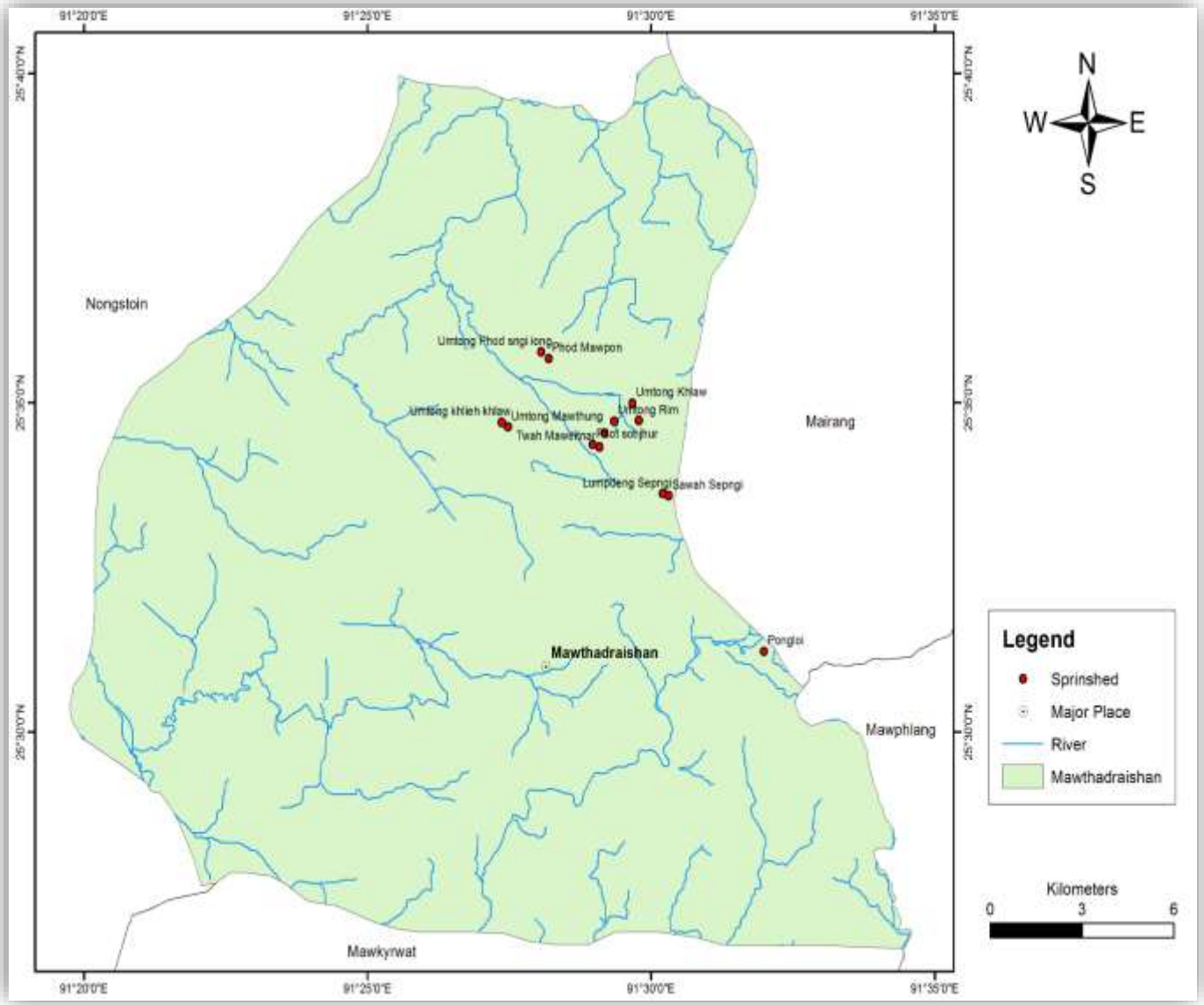
MAWSHYNRUT C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
23	Umbata Phud Skul	25.68058	91.08228	Mawthyngkut, Phud Skul	Open dug out pond	1.5	19
24	Umshangdiar	25.67212	91.05914	Bangla Pluh	RCC check dam	24.1	30
25	Umsohpet	25.68181	91.06601	Lumpangad,Umsohpet	RCC Spring Tap chamber	7.5	30
26	Umtong	25.70752	91.0238	Riangkang	Cement concrete	1.5	18
27	Umtongbanglapluh	25.40087	91.03401	Banglapluh	Springtap	1.6	3
28	Umtong Jhlu	25.61742	91.16079	Thiepjaphlang	Open Spring (1m dia)	0.5	6
29	Umtong mission	25.40469	91.0503	Nongkyn-A	Open Spring	1.6	3
30	Umtong Ryngkew-A	25.68868	91.08036	Ryngkew-A,Umtong Ryngkew-A	Open Spring Tap	15	5
31	Wahriya	25.66133	91.14868	Seinduli-I ,	Boulder check dam	1.7	100
32	O-Point	25.66849	91.06733	Nongpohshih	Open Spring	0.46	1
33	Banta L Nonglyngkin	25.61687	91.19422	Tiniang	Open space	2.5	5
34	Ktieh Mawpun	25.65664	91.06187	Mawpun-H	Open Spring	0.62	1
35	Mawthungsahep	25.63143	91.1683	Thiepjaphlang	RCC	0.5	6
36	Phot umkongksein	25.67634	91.02892	Lumdingsong	RCC	8.64	17
37	Photshnong	25.65577	91.1507	Seinduli	RCC	2.5	5
38	Photshnong	25.66512	91.1983	Seinduli	RCC	2.5	5
39	Phudlong Awria	25.65585	91.15072	Phudlong Awria,Seinduli-II	Open	0.83	2
40	Porbanglapluh	25.67171	91.08435	Pormawthaw	Open	1.34	3
41	Pordiloin	25.62847	91.16954	Thiepjaphlang	RCC	2.3	5
42	Porlumdieng sning	25.67409	91.0521	Pormawthaw	Open	0.7	1
43	Porlumdieng sning	25.40267	91.03098	Pormawthaw	Open	0.7	1
44	Pornahdiang	25.672022	91.055	Pormawthaw	Open	1	3
45	Pornahdiang	25.40191	91.03181	Pormawthaw	Open	0.52	1
46	Porsiejthlen	25.61972	91.1621	Thieplapalang	No	0.83	2
47	Porslap	25.6717	91.05909	Pormawthaw	Open Spring with bamboo fencing	0.66	1

MAWSHYNRUT C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
48	Shrintina L Lyngkien	25.55443	90.95658	Tiniang	Open Spring	8.5	17
49	Umbata Dongkosa	25.67965	91.08416	Nongkyn-a, Umbata Dongkosa	Open Spring	0.71	1
50	Umtong babu	25.67873	91.08387	Nongkyna-A	Open Spring	1.4	3
51	Umtong babu	25.40446	91.6505	Nongkyna-A	Open Spring	2	5
52	umtong kulilain	25.6757	91.07804	Nongkyna-A	Open Spring	0.05	2
53	Umtong kulilain	25.40328	91.04408	Nongkyna-A	Open Spring	0.05	3
54	Umtong Lee	25.67025	91.05817	Bangla Pluh	Open Spring	0.72	1
55	Umtong maro	25.67796	91.08183	Nongkyna-A	Open Spring	0.36	1
56	Umtong maro	25.40404	91.04547	Nongkyna-A	Open Spring	0.36	1

Springmap Of Mawthadraishan



Lean Season Data

Peak Season Data

MAWTHADRAISHAN C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Birkhon	25.547167	91.431117	Mawphanlur	Open	1.3	3
2	Dompyllun ken	25.544433	91.432817	Mawphanlur	Open	1	2
3	Lawmeri	25.51661	91.5363	Iawdishit	Open	2.4	5
4	Mawshiang	25.54916	91.430833	Mawphanlur	Open	0.5	1
5	Mawshiang-2	25.54861	91.4325	Mawphanlur	Open	0.9	2
6	Mawthar	25.54172	91.4275	Mawphanlur	Open	0.96	2
7	Mawthar	25.546817	91.43105	Mawphanlur	Open	1.3	3
8	Nan Dohkha	25.30255	91.32997	kynshi Bangla	C.C. Chamber	25	50
9	Phod dom jrong	25.54444	91.431944	Mawphanlur	Cemented pond	0.96	2
10	Phod domjrong	25.5498	91.430633	Mawphanlur	Cemented pond	1	4
11	Phod domjrong	25.54183	91.43305	Mawphanlur	Cemented pond	1.3	3
12	Phod domjrong A	25.545833	91.426666	Mawphanlur	Open	0.93	2
13	Phod Dompyllun	25.540555	91.433333	Mawphanlur	Open	3.71	7
14	Phod domshih	25.5411	91.43694	Mawphanlur	Open	3.8	8

MAWTHADRAISHAN C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
15	Phod Domwein	25.54297	91.42941	Mawphanlur	Open	1	2
16	Phod Mawkohshir	25.5433	91.42833	Mawphanlur	Open	1.26	3
17	Phod Mawtha	25.53992	91.43698	Mawphanlur	Open	2.8	6
18	Phod Mawtha	25.54194	91.43777	Mawphanlur	Open	2.81	6
19	Phod Mawthar	25.54179	91.42746	Mawphanlur	Open	1.5	3
20	Phodbah	25.53961	91.425	Mawphanlur	Open	2.83	6
21	Phodbah	25.53957	91.44127	Mawphanlur	Open	1.3	2
22	Phodjarain	25.54422	91.428611	Mawphanlur	Open	0.8	2
23	Phodjarain	25.548683	91.43245	Mawphanlur	Open	0.5	5
24	Phodkroh	25.54169	91.43305	Mawphanlur	Open	2.8	6
25	Phodkroh	25.54304	91.42543	Mawphanlur	Open	.5	2
26	Phodlangnoh	25.54258	91.43456	Mawphanlur	Open	1.2	3
27	Pongloi	25.52041	91.53315	Kynshi Bangla, Pungloi	Earthen boulder	3	40
28	Pongloi 1	25.51672	91.51694	Kynshi Bangla	Open	5	10
29	Pongloi 2	25.51671	91.53361	Kynshi Bangla	Open	15	30
30	Pungsier	25.32121	91.25164	Mawphanlur	RCC	0.9	2
31	Pung umdih	25.54985	91.4318	Mawphanlur	RCC	0.5	3

MAWTHADRAISHAN C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
32	Pungmawmi	25.54694	91.43111	Mawphanlur	cemented pond	0.4	1
33	Pungsier	25.545517	91.433133	Mawphanlur	cemented pond	0.82	2
34	Pungtongum	25.5474	91.4312	Mawphanlur	Boulder structure (1.5 m dia)	1	5
35	Sangjer	25.52035	91.54018	Kynshi Bangla	Boulder structure (1.5 m dia)	0.5	1
36	Umtongsiej	25.53666	91.4211	Mawphanlur	Open	2	4
37	Umtongsiej	25.544333	91.432217	Mawphanlur	Spring Tap R.C.C	0.5	2
38	Domjerkmie 1	25.52014	91.541	kynshi Bangla	Open	0.03	3
39	Domjerkmie 2	25.51955	91.5423	kynshi Bangla	cemented pond	0.48	1
40	Lawdishit 1	25.50341	91.5477	lawdishit	Open	1	5
41	Lawdishit 2	25.50436	91.5516	lawdishit	Open	2.5	7
42	Lawkseh	25.51365	91.5356	lawdishit	Open	1.5	3
43	Lumpdeng Sepngi	25.56032	91.50335	Mawkhan	RCC	7.8	16
44	Mawpun	25.52196	91.5374	kynshi Bangla	Open	1.89	4
45	Mentngaw	25.49278	91.4138	laitkseh	cemented pond	7	14
46	Nan Kur Marngar 1	25.49166	91.4171	laitkseh	cemented pond	15	30
47	Nan Kur Marngar 2	25.49115	91.4167	Laitkseh	Cemented Pond	9	18
48	Nan Kur Marngar 3	25.49169	91.4162	Laitkseh	Cemented Pond	17.7	35

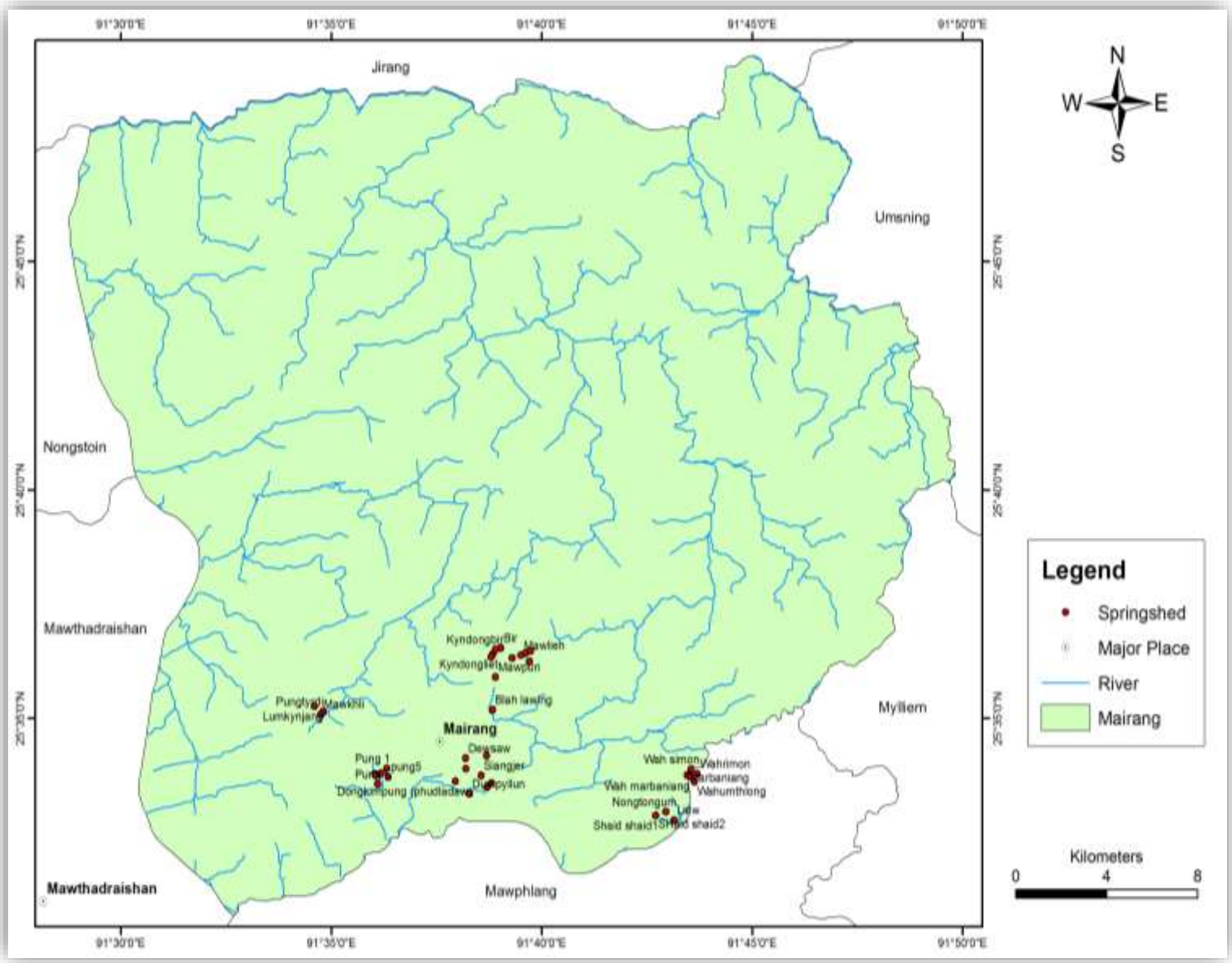
MAWTHADRAISHAN C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
49	Nongkseh	25.49659	91.4167	Laitkseh	Cemented Pond	3	6
50	Nongrim	25.49097	91.4131	Laitkseh	Cemented Pond	9	18
51	Pdengshnong	25.56652	91.3754	Shohphria	Cemented Pond	37.3	75
52	Pherkhaiong	25.4924	91.42	Laitkseh	Cemented Pond	20.5	41
53	Phod Mawpon	25.59454	91.46985	Mawthohbeh	Open	3.57	7
54	Phot sohjhur	25.57277	91.48283	Mawlum Mawjahksew	Open	1.47	3
55	Porsohstap	25.49332	91.4187	Laitkseh	Cemented Pond	0.41	1
56	Pung-perpenden	25.53219	91.3733	Shohphria	Open	12.15	24
57	Pung balang	25.57093	91.3735	Shohphria	Cemented Pond	0.72	1
58	Pung Disyiang	25.59864	91.377	Shohphria	Cemented Pond	0.54	1
59	Pung dombah	25.54872	91.3776	Shohphria	Cemented Pond	49.9	100
60	Pung dongsurok	25.52869	91.4563	Umjei	Cemented Pond	30	60
61	Pung dong shongkohnai	25.54073	91.3165	Shohphria	Cemented Pond	0.36	1
62	Pungjairot	25.53297	91.3233	Shohphria	Open	16.8	34
63	Pung Phodsohlong	25.53286	91.4926	Umjei	Cemented Pond	40	80
64	Pung phodsohpian	25.53286	91.3728	Shohphria	Cemented Pond	37.3	75
65	Pung Pyndenkohliar	25.57886	91.49635	Ramsiej	RCC	4.35	9

MAWTHADRAISHAN C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
66	Pung umlieh	25.59856	91.376	Shohphria	Cemented Pond	18.86	38
67	Pungsawlad	25.23819	91.3766	Shohphria	Cemented Pond	17.3	35
68	Siangjer	25.51946	91.54238	Kynshi Bangla Mawthadrishan, Kynshi Bangla	Spring Tap R.C.C	0.25	1
69	Sawah Sepngi	25.55986	91.50515	Mawkhan	RCC	4	8
70	Thangdikhar	25.4934	91.4114	Laitkseh	Cemented Pond	9.5	19
71	Twah Maweitnar	25.5722	91.48477	Mawlum Mawjahksew	RCC	3.63	7
72	Twah Mawiohlang	25.57572	91.4863	Mawlum Mawjahksew	RCC	1.2	2
73	Umtong Dom	25.58162	91.49324	Ramsiej	RCC	6	12
74	Umtong Khlaw	25.58329	91.49447	Ramsiej	RCC	1.57	3
75	Umtong khlieh khlaw	25.57844	91.45606	Marwir	Spring Tap R.C.C	3.42	7
76	Umtong Lawmarngar	25.55576	91.50746	Mawkhan	RCC	15	30
77	Umtong Mawthung	25.57721	91.45783	Marwir	Spring Tap R.C.C	4	8
78	Umtong Phod sngi iong	25.59625	91.46763	Mawthohbeh	RCC	4.23	8
79	Umtong Rim	25.57873	91.48911	Ramsiej	RCC	3.24	6
80	Umtongchnog	25.49286	91.4126	laitkseh	cemented pond	9.1	18
81	Umtong Sawah	91.05764	Drasting Hoojon	Mawkhan	RCC	2	4

Springmap Of Mairang



Peak Season Data

Lean Season Data

MAIRANG C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Blah lawing	25.58951	91.64615	Blah Lawing Mairang	Community	RCC spring tap chamber	4.13	10
2	Dewsaw	25.56883	91.63644	Mairang bah	Community	RCC spring tap chamber	5.58	30
3	Donglumpung (Phudladaw)	25.56035	91.63248	Pyndengumiong Mairang	Community	R.C.C spring chamber	0.17	5
4	Dumpyllun	25.55578	91.63801	Lumsohkhlur Dumpyllun, Lumsohkhlur	Community	Dug out boulder structure	4	15
5	Kyndong Shyiap Mawpyrdoi	25.6072	91.66021	Shyiap Mawpyrdoi	Community	R.C.C spring tap chamber Work	2.34	75
6	Kyndong Thangmaw	25.60408	91.66171	Laitdom Bah,Kyndong Thangmaw	Community	R.C.C spring chamber Work	2.85	20
7	Kyndongshlem	25.60801	91.66213	Mawpyrdoi	Community (Pvt)	R.C.C sppring chamber Work	1	20
8	Law Mairang	25.56973	91.64473	Mairang Bah,Law Mairang	Community	C.C check dam	0.33	20
9	Lawdisong (sangjier)	25.6053	91.65485	Mawlieh Mairang,Lawdisong	Community	RCC spring tap chm,ber	11	25
10	Mawlieh	25.60639	91.65836	Mawlieh, Mawlieh	Community	R.C.C spring chamber Work	1.54	35

MAIRANG C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
11	Mawpun	25.59849	91.64829	Mawroh, Mawpun	Community (Pvt)	R.C.C sppring chamber Work	2	25
12	Pungsynjer	25.55976	91.64666	Mairang Mission,Mawbynrap	Community	Spring Tap R.C.C	2.86	200
13	Pungtongum	25.55823	91.64498	Mairang Mission,Lumsyiem	Community	RCC spring tap chamber	2	24
14	Pungtongum Shnong(sangjier)	25.56491	91.63667	Pyndengumiong (Domlumpung) Mairang, Lummarlong	Community	R.C.C	2	150
15	Siangjer	25.56252	91.64264	Mairang Mission,Bangla	Smt. Klostimon K.Syntiew (Pvt)	Spring Tap R.C.C	0.5	15
16	Bir	25.60904	91.65049	Laitdomain	Community	Water comes directly from rock	2	10
17	Dummawralong	25.56652	91.63947	Pyndenumiong	Community	RCC	0.1	5
18	Khliehshnong	25.60567	91.6466	Laitdomain	Community	RCC	2.4	10
19	Kyndongbir	25.60847	91.64832	Laitdomain	Community	RCC	2.38	15
20	Kyndongliet	25.60678	91.64719	Laitdomain	Community	RCC	1.62	60
21	Kyndongumbalang	25.60849	91.6483	Laitdomain	Community	RCC	2.05	25
22	Liew	25.54618	91.71903	Kurbah War	Community	Stone constructed underground but the roof construct by wood	6.84	35
23	Lumkynjang	25.58774	91.57654	Mawkhap Mawnai	Kynrem Kurbah	Cement	1.36	5

MAIRANG C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
24	Lumpham	25.58874	91.5842	Mawkhap Mawnai	Kynrem Kurbah	RCC	8.86	5
25	Madankhalek-Pung 1	25.56507	91.60521	Madankhalek	Mr Kwom Nongrang	RCC	1.57	5
26	Madankhalek-Pung 2	25.56333	91.60289	Madankhalek	Mrs Santiful L.Kynshi	RCC	2.68	5
27	Madankhalek-Pung 3	25.563	91.60049	Madankhalek	Mrs Eldaris Nongrang	Stone construction	3	6
28	Madankhalek-Pung 4	25.5626	91.6007	Madankhalek	Mrs Santiful L.Kynshi	RCC	3.33	5
29	Madankhalek-Pung 5	25.55924	91.60158	Madankhalek	Mrs Santiful L.Kynshi	RCC	4.32	4
30	Madankhalek-Pung 6	25.56205	91.60573	Madankhalek	Jrei Lawriniang	RCC	1.21	6
31	Marbaniang	25.56267	91.72421	Umthlong	Sistin L.Mawnai	RCC	2.38	10
32	Mawkhli	25.58484	91.57909	-	Community	RCC	1.8	4
33	Mawpun	25.59615	91.64882	Mawroh	Community (Pvt)	C.C Work	0.2	5
34	Nongtongum	25.54918	91.71573	Kurbah War	Community	Cement underground	0.4	35
35	Pungtongum	25.56	91.64639	Mairang Mission,Lumsyiem	Kandro K.Malki (Pvt)	Spring Tap R.C.C	0.17	20
36	Pungtongum Shnong	25.55879	91.65396	Pyndengumiong Mairang, Domlumpung	ErirMarwein (Pvt)	R.C.C	0.17	3

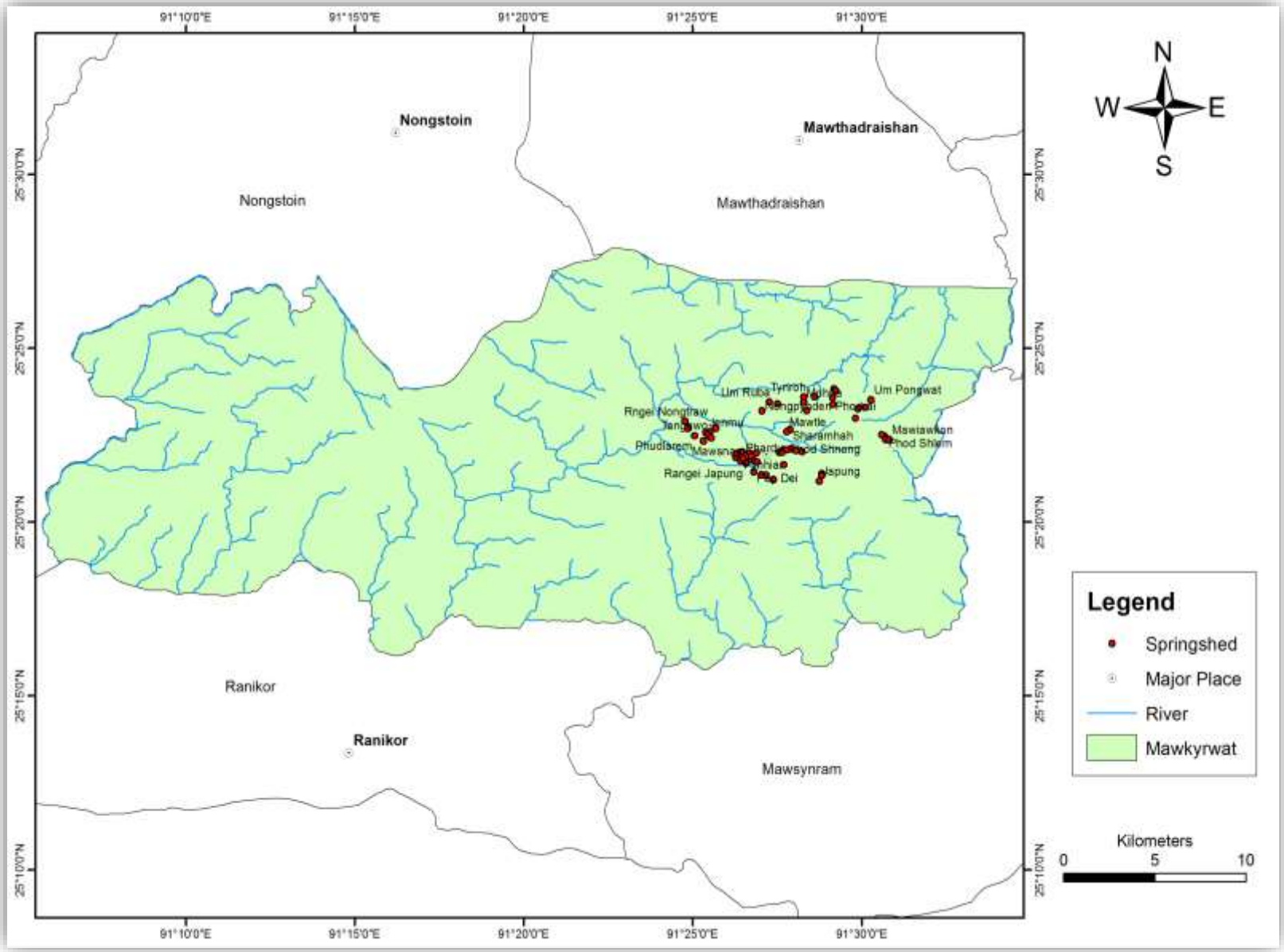
MAIRANG C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
37	Pungtyrdi	25.58587	91.58007	Mawkhap Mawnai	Mula Kurbah	RCC	2	5
38	Pungtyrdi	25.58593	91.57831	Mawkhap Mawnai	Mula Kurbah	RCC	1.38	7
39	Pungtyrdi-I	25.58762	91.5765	Mawkhap Mawnai	Mrs Plis Mawlong	Cement	2.36	6
40	Pyndeng nongkseh	25.5901	91.59114	Mawkhap Mawnai	Community	RCC	3	5
41	Shaid shaid1	25.5479	91.71188	Kurbah War	Community	Spring comes directly from the stone	0.4	35
42	Shaid shaid2	25.54774	91.71167	Kurbah War	Community	RCC	0.65	35
43	Shyiap Mawpyrdoi	25.66073	91.66024	Mawpyrdoi,Shyiap Mawpyrdoi	Community	C.C Work	0.32	1
44	Them mawlong	25.56166	91.73018	Umthlong	Community	RCC	2.61	10
45	Umshar Shar	25.5625	91.64922	Mawbynrap, Mairang Mission	Mahaiot Wahlang	RCC	0.17	2
46	Umtyrkhang	25.55885	91.72889	Umthlong	Brila Shabong	RCC	2.5	10
47	Wah Marbaniang	25.56214	91.7254	Umthlong	Step Phyrnai Marbaniang	RCC	1.34	10
48	Wah Simon	25.56477	91.72586	Umthlong	Kion Khylllait	RCC	3.22	10
49	Wahkhap surok	25.56709	91.74126	Nongranglaitarted	Community	Water comes 77directly from the rock	30	20

MAIRANG C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
50	Wahkperwah	25.56643	91.73883	Nongranglait Arted	Community	Water comes 78directly from underground	3	18
51	Wahrimon	25.5631	91.72811	Umthlong	Community	RCC	2.85	25
52	Wahsiej	25.56388	91.74311	Nongranglait Arted	Community	Water comes 78directly from the rock	3	15
53	Wahumthlong	25.56015	91.72709	Umthlong	Persia Basawiamoit	RCC	1.33	15

Springmap Of Mawkyrwat



Lean Season Data

Peak Season Data

MAWKYRWAT C & RD LOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Dommawlieh	25.389865	91.50567	Jakrem	Community	Spring tap chamber (new construction)	1.3	5
2	Kroh Dikhar	25.22589	91.29492	Jakrem	Community	Kutcha	6.6	13
3	Kroh Matma	25.23393	91.30339	Jakrem	Community	Open dug out pond	2.56	10
4	Kroh Matma	25.23236	91.30204	Jakrem	Community	Kutcha	5	10
5	Nongshyllang	25.23488	91.30915	Jakrem	Community	RCC Spring Chamber	3.3	15
6	Nongsyllang	25.23295	91.30549	Jakrem	Community	Kutcha	3.3	7
7	Phod Mawphor bah	25.23228	91.2909	Sakwang	Community	Kutcha	2	4
8	Khliehnonglang	25.38684	91.47271	Marshillong	Community	RCC Spring chamber	1.52	10
9	Phodrai	25.2335	91.29081	Sakwang	Community	Kutcha	5	10
10	Phot Malam	25.2318	91.3007	Jakrem	Community	Kutcha	4	8
11	Phot ri kba	25.23462	91.29135	Sakwang	Community	Kutcha	4	8
12	Photnamkhla	25.23491	91.29108	Sakwang	Community	Kutcha	3.3	7
13	Phud da moit	25.23545	91.30641	Jakrem	Community	RCC Spring Chamber	0.9	20
14	Phud da moit	25.23327	91.30382	Jakrem	Community	Kutcha	4	8
15	Pongwat	25.23313	91.30164	Jakrem	Community	Kutcha	5	10
16	Sngi Mied Nah	25.2386	91.30879	Jakrem	Community	RCC Spring Chamber	1.81	20
17	Sngi Mied Nah	25.23515	91.30257	Jakrem	Community	Kutcha	5	10
18	Um Ruba	25.23273	91.29399	Sakwang	Community	Kutcha	2.8	15
19	Mawiawkon	25.37288	91.51353	Rangmaw	Community	RCC Spring chamber	1.78	15
20	Mohna	25.39067	91.47131	Marshillong	Community	CC Spring chamber	2.5	10
21	Phod Mawphor bah	25.38965	91.48584	Sakwang	Community	RCC Spring Chamber	1.16	6
22	Phod Shlem	25.37291	91.51183	Rangmaw	Community	RCC Spring chamber	10	40

MAWKYRWAT C & RD LOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
23	Phod Tangjem	25.37451	91.51114	Rangmaw	Community	RCC Spring chamber	1.66	20
24	Phod Tongshir	25.37517	91.50985	Rangmaw	Community	RCC Spring chamber	2	25
25	Phodrai	25.39314	91.4856	Sakwang	Community	RCC Spring Chamber	2	50
26	Phot ri kba	25.3962	91.48703	Sakwang	Community	RCC Spring Chamber	1	15
27	Photnamkhla	25.39707	91.48639	Sakwang	Community	RCC Spring Chamber	1	20
28	Phud Tongumbah	25.37654	91.42504	Mawranglang	Community	Spring tap chamber (new construction)	0.5	5
29	Phudlarem	25.390011	91.461139	Mawranglang	Private	Open Spring	0.45	10
30	Rngei Kseh	25.39341	91.4766	Nongbah Marshillong	Community	Open Spring	3.21	5
31	Rngei Nongtraw	25.3816	91.41279	Mawranglang	Community	RCC Spring Chamber	0.7	5
32	Tynroh	25.39332	91.47142	Nongbah Marshillong	Community	Open Spring	1.52	10
33	Um Ruba	25.39088	91.4544	Sakwang	Community	RCC Spring Chamber	1.6	15
34	Dong Mahkhar	25.36831	91.46482	Mawkyrwat	Community	RCC Spring chamber	1.81	20
35	Japung	25.35291	91.4791	Mawten	Community	Open dug out pond	20	5
36	Jenmu	25.3763	91.42301	Mawranglang-Nongmawlein	Community	CC Spring Chamber	1.48	10
37	Jyrmu	25.37595	91.424089	Mawranglang-Nongmawlein	Community	CC Spring Chamber	0	10
38	Khat Wait	25.29219	91.46114	Marshillong	Private	CC Spring Chamber	2.48	5
39	Kper Nah Jon	25.35582	91.4527	Nonglang	Community	Open Spring	1.5	15
40	Kper Nahsan(Shilliangktieh)	25.36283	91.44711	Mawlangwir	Community	Slab Cover	8.5	5
41	Kper Nahsan(Shilliangktieh)	25.368281	91.447139	Mawlangwir	Community	Slab Cover	2	10
42	Kynroh Dikhar	25.38298	91.49701	Jakrem	Community	RCC Spring Chamber	1.11	2
43	Laitpyrdong	25.28541	91.49784	Jakrem	Community	RCC Spring Chamber	1.25	25
44	Langeitsim-I	25.35647	91.48028	Mawten	Community	Open dug out pond	6	10
45	Langeitsim-II	25.3559	91.48027	Mawten	Community	Open dug out pond	4	10
46	Marshillong	25.39191	91.47403	Nongbah Marshillong	Private	RCC Spring chamber	6.28	13
47	Mawbah Jitjang	25.3648	91.4379	Mawlangwir	Community	RCC Spring chamber	20	25

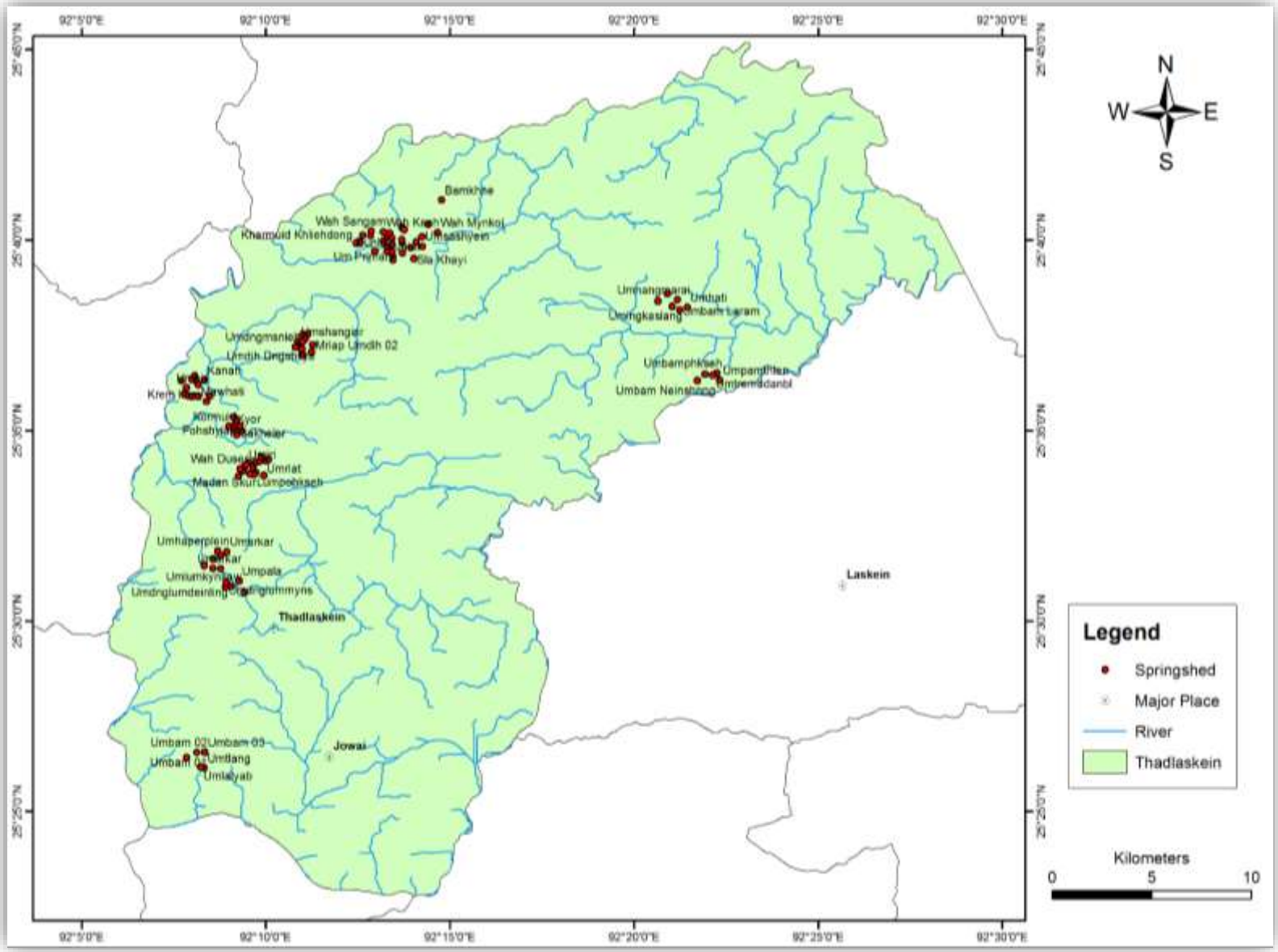
MAWKYRWAT C & RD LOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
48	Mawinrum	25.36655	91.44443	Mawlangwir	Community	RCC Spring chamber	2.5	7
49	Mawrahkep	25.36614	91.43825	Mawlangwir	Community	Kutcha	3.24	15
50	Mawsnam	25.36262	91.44319	Mawlangwir	Community	RCC Spring chamber	0.83	10
51	Mawtle	25.37652	91.46296	Marshillong	Community	Open dug out well	4	7
52	Mawtumit	25.3783	91.42793	Mawranglang-Nongnad	Community	RCC Spring Chamber	2.7	5
53	Mawtumit	25.374578	91.425089	Mawranglang-Nongnad	Private	Kutcha	3	5
54	Nongpynden	25.38668	91.45078	Marshillong	Community	Open dug out well	0.66	8
55	Pamkyrbe	25.37228	91.42189	Mawranglang-Nongmawlein	Community	Open Spring	1.75	2
56	Pep Dei	25.35732	91.44672	Nonglang	Community	CC Spring Chamber	0.93	30
57	Pep Syiem	25.35596	91.45037	Nonglang	Community	Open Spring	3.53	10
58	Phardu	25.36408	91.44134	Mawlangwir	Community	RCC Spring chamber	1.46	10
59	Phod Bah Phring	25.36752	91.46759	Mawkyrwat	Community	RCC Tank	5.58	11
60	Phod Bah Ronel	25.36803	91.46145	Mawkyrwat	Community	RCC Spring chamber	2.73	20
61	Phod Krem	25.36699	91.4408	Mawlangwir	Community	RCC Spring chamber	0.8	12
62	Phod Maiwan	25.3665	91.448	Mawlangwir	Community	RCC Spring chamber	2.28	30
63	Phod Pata	25.36662	91.45927	Mawkyrwat	Community	RCC Spring chamber	1.66	250
64	Phod Shilliangktieh	25.36211	91.44829	Mawlangwir	Community	RCC Spring chamber	2.85	15
65	Phod Shnong	25.36794	91.46291	Mawkyrwat	Community	Open dug out well	1.36	110
66	Phod Shnong Kong Dro	25.36664	91.4605	Mawkyrwat	Community	Open dug out well	3.5	60
67	Phodbah Mawbah	25.36486	91.44562	Mawlangwir	Community	RCC Spring chamber	3.07	10
68	Phot Malam	25.38825	91.50173	Jakrem	Community	RCC Spring Chamber	2	20
69	Phot Shilliangktieh	25.362131	91.442889	Mawlangwir	Community	Slab Cover	15	15
70	Phot Shnong	25.3665	91.462219	Mawkyrwat	Community	Slab Cover	1	110
71	Phot Shnong Kongdrno	25.367039	91.465239	Mawkyrwat	Community	Slab Cover	4.32	60
72	Photbah Mawbah	25.36485	91.44565	Mawlangwir	Community	Slab Cover	20	10

MAWKYRWAT C & RD LOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
73	Photkrem	25.366269	91.4408	Mawlangwir	Community	Slab Cover	12	12
74	Phud Kyntieh	25.38773	91.49819	Jakrem	Community	RCC Spring Chamber	1.3	20
75	Phud Iarem	25.37462	91.41741	Mawranglang	Community	Open dug out well	5	10
76	Phud Mawpharkhew	25.37364	91.4256	Mawranglang	Community	RCC Spring chamber	6.7	20
77	Phud Siasia	25.37654	91.42504	Mawranglang-Nongnad	Community	RCC Spring Chamber	1.53	10
78	Pyndem Iawma	25.35357	91.45643	Nonglang	Community	Open Spring	2.55	10
79	Pynhiar	25.36279	91.44014	Mawlangwir	Community	Open dug out well	0.38	5
80	Rangei Japung	25.36139	91.44287	Mawlangwir	Community	RCC Spring chamber	0.8	8
81	Sharamhah	25.37756	91.46455	Marshillong	Community	Open dug out well	0.66	5
82	Tangawo	25.37498	91.42403	Mawranglang-Nongmawlein	Community	CC Spring Chamber (Boulder)	0.3	20
83	Tbian Shnong	25.3608	91.46152	Nonglang	Community	Temporary structure	4	8
84	Thlong Thangmaw	25.38998	91.45849	Marshillong	Community	Open dug out well	3.8	7
85	Twah Di Sohshang	25.36692	91.47073	Mawkyrwat	Community	CC Spring Chamber	7	14
86	Um Pongwat	25.39198	91.50455	Jakrem	Community	Open dug out well	3.5	70

Springmap Of Thadlaskein



Lean Season Data

Peak Season Data

THADLASKEIN C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Bamkhne	25.67382	92.2393	Nongrim Bambthong	Community	Dry stone wall, CC floor with RCC cover	60	20
2	Dong Khynriam	25.67042	92.22973	Nongrim Bambthong	Community	Dry stone, CC floor with RCC covered	1.3	10
3	Dunlein	25.66145	92.22368	Umladang	Community	RCC Tap Chamber	1	9
4	Hali ka Phein Pingwait	25.66978	92.2226	Umladang	Community	RCC Tap Chamber	1.79	4
5	Jaiur	25.65968	92.22395	Umladang	Community	Open Spring	0.54	6
6	Kanan	25.60537	92.13883	Nongkhroh	Community	CC wall and floor, with RCC cover	0.69	15
7	Kharmuid	25.66552	92.20903	Umladang	Community	RCC tank with washing pplatform	17.06	30
8	Kharmuid Khliehdong	25.66543	92.20742	Umladang	Community	Direct connection with bamboo stick	7.77	10
9	Khlieh Hali Mukhla	25.65807	92.22413	Umladang	Community	RCC Tap Chamber	1.76	7
10	Khlieh Hali Sohmynting	25.66878	92.21051	Umladang	Community	Direct connection with bamboo stick	7.9	10
11	Kormuid	25.58513	92.31652	Thadmusem	Community	Dry stone wall, RCC Core wall, CC floor with RCC covered	1.9	60
12	Krem Kum	25.60492	92.13513	Nongkhroh	Community	CC wall and floor,with RCC cover	1	20
13	Kyor	25.58398	92.15217	Thadmusem	Community	RCC Tap Chamber	1	15
14	Lad Nongkharai	25.58287	92.15572	Thadmusem	Community	dry stone wall CC floor with RCC cover	1	5

THADLASKEIN C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
15	Lapser	25.67363	92.24003	Nongrim Bambthong	Community	Dry stone, CC floor with RCC covered	1.67	20
16	Loom Pohkseh	25.56417	92.16095	Larnai	Community	CC Dry stone	0.17	30
17	Lum Iaw	25.66554	92.22828	Rakabah	Community	RCC Tap Chamber	0.92	30
18	Lum Mynjir	25.57018	92.16652	Sohphoh	Community	RCC Tap Chamber	1.35	30
19	Lumkseh Umshyngiar	25.59855	92.13135	Nongkhroh	Community	Dry stone	2	30
20	Lumkseh Wahshyngiar	25.59855	92.13135		Community	Drystone	1.75	30
21	Lumpohkseh	25.56419	92.16093	Larnai	Community	RCC Tap Chamber	0.17	30
22	Madan Rakabah	25.66328	92.23202	Rakabah	Community	Dry stone wall,CC floor with RCC cover	1.29	40
23	Madan Skur	25.56498	92.16203	Larnai	Community	C/C Dry Stone	1.18	20
24	Mawhati	25.59827	92.13587	Nongkhroh	Community	RCC core wall with RCC cover	10.26	20
25	Nat Syrthang	25.661	92.22845	Rakabah	Community	Open dug out	1.94	20
26	Nongrim	25.66953	92.22682		Community	Open dug out	0.35	17
27	Parliar	25.6648	92.22375	Umladang	Community	RCC spring tap chamber	0.93	15
28	Pdengshnong	25.58582	92.15251	Thadmusem	Community	RCC Tap Chamber	3.64	70
29	Pohshyiap	25.58768	92.15331	Thadmusem	Community	RCC Tap Chamber	4.35	10
30	Pyrdi Shnong	25.57168	92.16451	Sohphoh	Community	RCC Tap Chamber	1.24	20
31	Riatkhyrrim	25.5985	92.14132	Nongkhroh	Community	RCC spring tap chamber	0.63	1

THADLASKEIN C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
32	Rud hali ka thwit Rynjah	25.66883	92.22063	Umladang	Community	RCC spring tap chamber	0.75	5
33	Rud hali u Lo challam	25.66638	92.21978	Umladang	Community	RCC spring tap chamber	1.67	30
34	Rudhali Ka Thwit Pingwait	25.66815	92.22162	Umladang	Community	Open dug out	1.38	2
35	Sakheier	25.58142	92.15339	Thadmusem	Community	RCC Tap Chamber	0.9	15
36	Sla Khayi	25.65863	92.2336	Rakabah	Community	RCC Tap Chamber	17.14	40
37	Them U J.E	25.59607	92.13965	Nongkhroh	Community	No infrastructure	4.17	4
38	Trai Sohpieng	25.5852	92.15423	Thadmusem	Community	Dry stone CC wall with RCC cover	1.86	16
39	Tre kper ka Til Syrti	25.66825	92.22208	Umladang	Community	Dry stone CC wall with RCC cover	1.67	13
40	Tre madan Ball Pingwait	25.66753	92.22347	Umladang	Community	RCC spring tap chamber	1.25	15
41	Um Primary	25.66372	92.22137	Umladang	Community	Open CC	1.55	30
42	Umbir	25.60209	92.1305	Nongkhroh	Community	RCC Tap Chamber	1.6	50
43	Umsamarlain	25.66382	92.23737	Rakabah	Community	Open CC Chamber	20	10
44	Umsashieh	25.66587	92.23457	Rakabah	Community	Dry stone wall,CC floor with RCC cover	1.63	30
45	Umsashyein	25.66808	92.23723	Nongrim Bambthong	Community	RCC Tap Chamber	0.54	20
46	Umsohbar Khon	25.59962	92.1342	Nongkhroh	Community	CC wall & floor with RCC covered	0.95	7
47	Wah Bamjatap	25.57075	92.16782	Sohphoh	Community	C/C Dry Stone	1.82	25
48	Wah Iapser	25.67365	92.24	Nongrim Bambthong	Community	RCC Tap Chamber	1.67	20

THADLASKEIN C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
49	Wah khlaw II	25.55547	92.10653	Puriang	Community	Covered R.C.C Tank with roof top	0.75	5
50	Wah kseh	25.67095	92.22023	Umladang	Community	RCC spring tap chamber	1.29	3
51	Wah Kseh	25.67014	92.21966	Umladang	Community	RCC Open dug out	1.29	3
52	Wah Lhung	25.60578	92.13305	Nongkhroh	Community	RCC Tap Chamber	6.82	100
53	Wah Lum Bthong	25.67217	92.2281	Nongrim Bambthong	Community	RCC Tap Chamber	0.82	30
54	Wah Lumjingtep Presbyterian	25.66177	92.22167	Umladang	Community	Open Spring	0.71	6
55	Wah Mynkoi	25.56658	92.1548	Nongrim Bambthong	Community	C/C Dry Stone	2.41	50
56	Wah Nongkhyllem	25.56578	92.15646	Umladang	Community	RCC Tap Chamber	0.96	30
57	Wah Nongrim	25.66854	92.21395	Nongrim Bambthong	Community	RCC Tap Chamber	1.54	30
58	Wah Sangam	25.6668	92.2281	Umladang	Community	Dry stone wall,CC floor with RCC cover	2.46	50
59	Wah Shyngiar	25.6706	92.21428	Umladang	Community	RCC Tap Chamber	6.12	30
60	Wah Sohbar	25.66177	92.21582	Nongkhroh	Community	RCC Storage	1.35	20
61	Wah Sohiong	25.59827	92.13307	Nongkhroh	Community	RCC Tap Chamber	1.1	20
62	Wah Surok	25.6052	92.12843	Thadmusem	Community	Drystone with RCC cover	0.98	10
63	Wah Umshyngiar	25.56663	92.16077	Umladang	Community	RCC Tap Chamber	1.75	40
64	Wahkhapbet I	25.66187	92.21567	Sohphoh	Community	Open Spring	0.67	20
65	Wahkhapbet II	25.57075	92.16782	Sohphoh	Community	CC Dry stone	1.9	20

THADLASKEIN C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
66	Wahkhapbet III	25.56933	92.16189	Sohphoh	Community	RCC Tap Chamber	0.95	30
67	Wahlabon	25.57018	92.16658	Sohphoh	Community	CC Dry stone	1.98	6
68	Wahmyndai	25.56974	92.16374	Nongkhroh	Community	RCC Tap Chamber	1.94	20
69	Wahsangam	25.60725	92.13441	Umladang	Community	Open CC pond	2.46	50
70	Wahsangam	25.56425	92.15943	Nongkhroh	Community	CC Dry stone	1.33	50
71	Wahshyngiar	25.56573	92.15648	Nongkhroh	Community	CC Dry stone	2.5	40
72	Wahsurok	25.67075	92.21435	Thadmusem	Community	RCC spring tap chamber	0.98	10
73	Khliehbiar	25.56932	92.1587	Larnai	Community	CC Dry stone	2.5 ltr/m	30
74	Luser (Mooriap Umdih 01)	25.61768	92.18719	Nonglatem	Community	Open dug out	9.6	40
75	Mooriap Umdih 02	25.62086	92.18763	Nonglatem	Community	Open dug out	2.5	4
76	Um long-Ka-Puh	25.63998	92.34402	Pdeiniadaw	Community	RCC spring tap chamber	0.87	35
77	Um Khliehmynsait	25.44024	92.13066	Sohmynthing	Community	Open dug out	100	100
78	Um Seiraliang	25.64311	92.34825	Pdeiniadaw	Community	RCC spring tap chamber	17.91	36
79	Umbam 01	25.44245	92.13886	Sohmynthing	Community	Open dug out	15	250
80	Umbam 02	25.44253	92.13896	Sohmynthing	Community	CC Dry stone	12.05	250
81	Umbam 03	25.44255	92.13887	Sohmynthing	Community	CC Dry stone	5.71	250
82	Umbam Laram	25.63616	92.35389	Pdeiniadaw	Community	Open dug out	0.4	15

THADLASKEIN C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
83	Umbam Lumwakjam	25.60795	92.36533	Latymphu	Community	Open dug out	4.44	40
84	Umbam Neinshnong	25.60525	92.36185	Latymphu	Community	Open dug out	9.6	60
85	Umbampohkseh	25.60847	92.37064	Latymphu	Community	CC Dry stone	0.78	30
86	Umdih Dongsohliya	25.62037	92.1805	Nonglatem	Community	RCC spring tap chamber	1.65	20
87	Umdih Niriang 01	25.61888	92.18295	Nonglatem	Community	RCC spring tap chamber	3.46	30
88	Umdih Niriang 02 (Laitlum)	25.61624	92.18337	Nonglatem	Community	RCC spring tap chamber	11.43	5
89	Umdonglumdeinling	25.51688	92.14863	Ummulong	Community	RCC spring tap chamber	12	250
90	Umdonglummynso	25.51487	92.14829	Ummulong	Community	RCC spring tap chamber	1.2	60
91	Umdongmihsngi	25.51251	92.15676	Ummulong	Community	CC Dry stone	5.63	11
92	Umdongmoosnieh	25.61995	92.17994	Nonglatem	Community	CC Dry stone	17.91	30
93	Umdongwahbang (Madan Phutball)	25.62204	92.18313	Nonglatem	Community	CC Dry stone	1.74	20
94	Umdongwahbang 01	25.6234	92.18437	Nonglatem	Community	CC Dry stone	7.19	30
95	Umdongwahbang 02	25.62358	92.18436	Nonglatem	Community	CC Dry stone	19.35	30
96	Umdongwahbang 03	25.62568	92.18558	Nonglatem	Community	Open dug out	28.57	10
97	Umhaperplein	25.53066	92.14479	Ummulong	Community	Open dug out	4	45
98	Umhati	25.63719	92.3574	Pdeiniadaw	Community	Open dug out	1.09	2
99	Umiongkasiang	25.63777	92.3505	Pdeiniadaw	Community	Open dug out	3.28	30

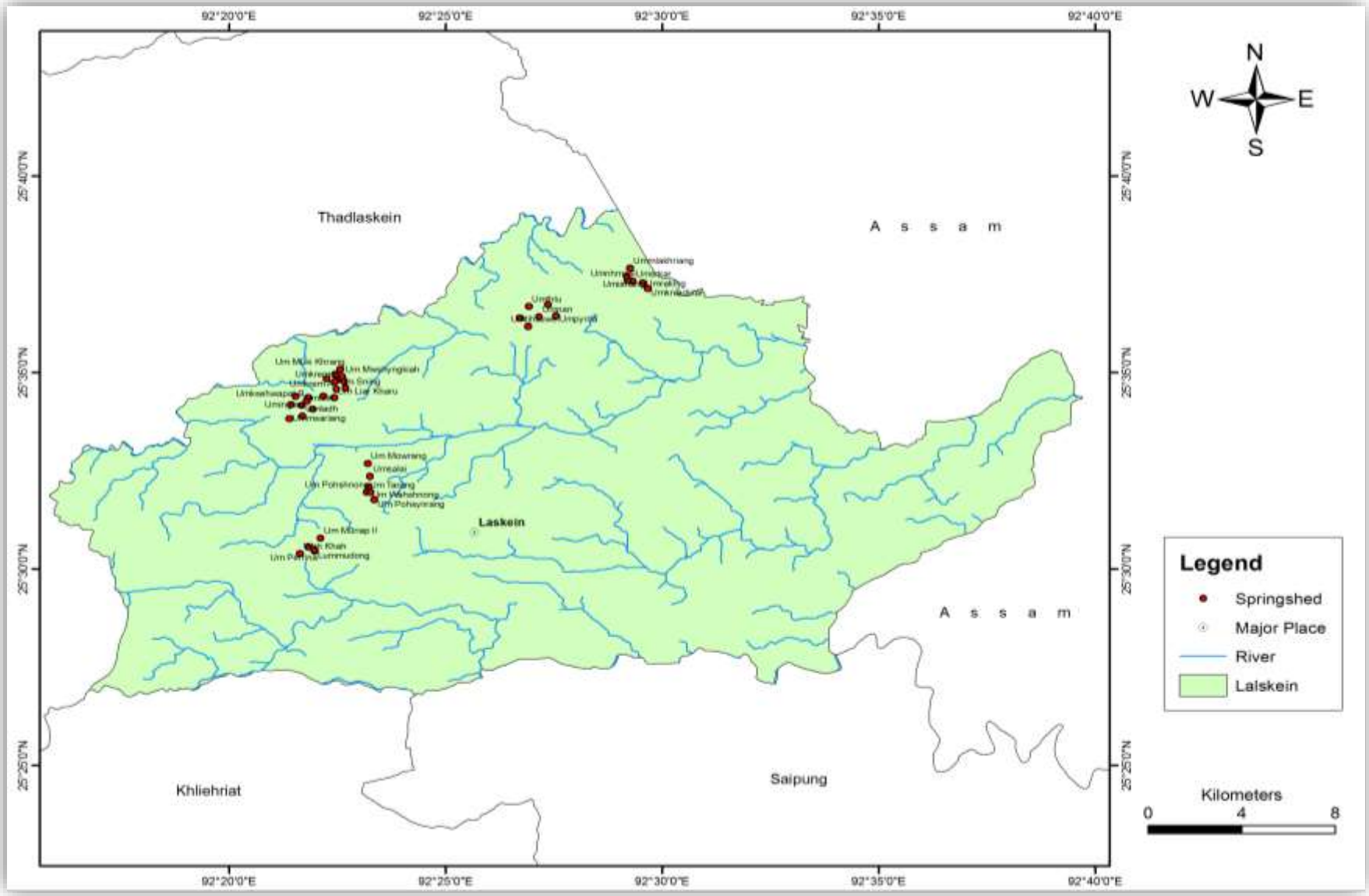
THADLASKEIN C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
100	Umjri	25.56828	92.15742	Larnai	Community	CC Dry stone	7.89	16
101	Umjri Dongmooknor I	25.56767	92.15732	Larnai	Community	RCC Tap Chamber	0.5	16
102	Umjri Dongmooknor II	25.56817	92.15743	Larnai	Community	RCC Tap Chamber	1.12	10
103	Umkremthlun	25.62547	92.18317	Nonglatem	Community	RCC Tap Chamber	26.67	26
104	Umksehlakiang	25.52299	92.14262	Ummulong	Community	RCC Tap Chamber	2.91	50
105	Umlatyab	25.43614	92.13701	Sohmynthing	Community	RCC Tap Chamber	4.36	150
106	Umlumkynsaw	25.51518	92.15072	Ummulong	Community	RCC Tap Chamber	5	30
107	Umnangmarai	25.64054	92.35284	Pdeiniadaw	Community	RCC Tap Chamber	7.27	30
108	Umpala	25.51756	92.15437	Ummulong	Community	RCC Tap Chamber	17.98	30
109	Umpamthlen	25.60543	92.37195	Latymphu	Community	RCC Tap Chamber	2.11	20
110	Umpyrtuh	25.44249	92.13533	Sohmynthing	Community	RCC Tap Chamber	25	150
111	Umriat	25.56379	92.16564	Larnai	Community	RCC Tap Chamber	100	200
112	Umshangiar	25.62223	92.18108	Nonglatem	Community	CC wall with RCC cover	23.26	25
113	Umsohbar	25.59827	92.133		Community	CC wall with RCC cover	15	27
114	Umsorkar	25.53033	92.1489	Ummulong	Community	Open	12	15
115	Umsorkar	25.52288	92.14612	Ummulong	Community	CC Dry stone	12	15

THADLASKEIN C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
116	Umtlang	25.43559	92.13873	Sohmynthing	Community	CC Dry stone	5	20
117	Umtremadanbol	25.60748	92.36887	Latymphu	Community	CC Dry stone	0.62	30
118	Umwahlaloo	25.52706	92.1428	Ummulong	Community	CC Dry stone	1.2	2
119	Umwahrymbai	25.52859	92.14613	Ummulong	Community	CC Dry stone	4.49	20
120	Umwahseinphoh	25.52428	92.13864	Ummulong	Community	CC Dry stone	3.02	60
121	Wah Duser	25.56661	92.15489	Larnai	Community	RCC Tap Chamber	1.36	3
122	Wah Mynkshi	25.66993	92.2442	Larnai	Community	RCC Tap Chamber	0.63	20
123	Wah Mynsoo I	25.56427	92.15943	Larnai	Community	RCC Tap Chamber	5.14	45
124	Wah Mynsoo II	25.56316	92.15411	Larnai	Community	Open CC	0.88	45
125	Wah Tynger I	25.5877	92.15342	Larnai	Community	Dry stone wall CC floor with RCC cover	2.5	25
126	Wah Tynger II	25.5666	92.16083	Larnai	Community	RCC Tap Chamber	1.21	25
127	Wahmynkshi	25.57165	92.16457	Larnai	Community	CC Dry stone	0.63	25
128	Wahmynso	25.56658	92.1548	Larnai	Community	CC Dry stone	5	50
129	Wahtnger 1	25.5993	92.12961	Larnai	Community	RCC Tap Chamber	2.5	5
130	Wahtnger 2	25.59854	92.13145	Larnai	Community	RCC Tap Chamber	1.21	2

Springmap Of Laskein



Lean Season Data

Peak Season Data

LASKEIN C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Krem Labit	25.50942	92.36373	Mulieh	Community	RCC Tap Chamber	1.8	4
2	Lummudong	25.50763	92.36617	Mulieh	Community	RCC Tap Chamber	3.66	100
3	Madan Syrman	25.57338	92.36947	Mulieh	Community	RCC Tap Chamber	0.3	30
4	Um Mowrang	25.57685	92.37809	Mulum	Community	RCC Tap Chamber	1.17	4
5	Um Muriap I	25.58475	92.37606	Mulieh	Community	RCC Tap Chamber	3	50
6	Um Muriap II	25.57338	92.36947	Mulieh	Community	RCC Tap Chamber	0.17	50
7	Um Perrina	25.58263	92.374	Mulieh	Community	RCC Tap Chamber	3.55	100
8	Um Pohshnong	25.5082	92.36613	Mulum	Community	RCC Tap Chamber	5.74	30
9	Um Pohsynrang	25.53258	92.38775	Mulum	Community	RCC Tap Chamber	8.22	60
10	Um Tarang	25.57639	92.37457	Mulum	Community	RCC Tap Chamber	0.71	4
11	Um Wahshnong	25.53252	92.38619	Mulum	Community	RCC Tap Chamber	1	30
12	Umsalai	25.56786	92.36538	Mulum	Community	Open dug out	0.5	7
13	Wah Khah	25.60292	92.44833	Mulieh	Community	RCC Tap Chamber	4.84	60
14	Um Bam Pylliang	25.45186	92.28791	Thadsning	Community	RCC tap chamber	1.69	8

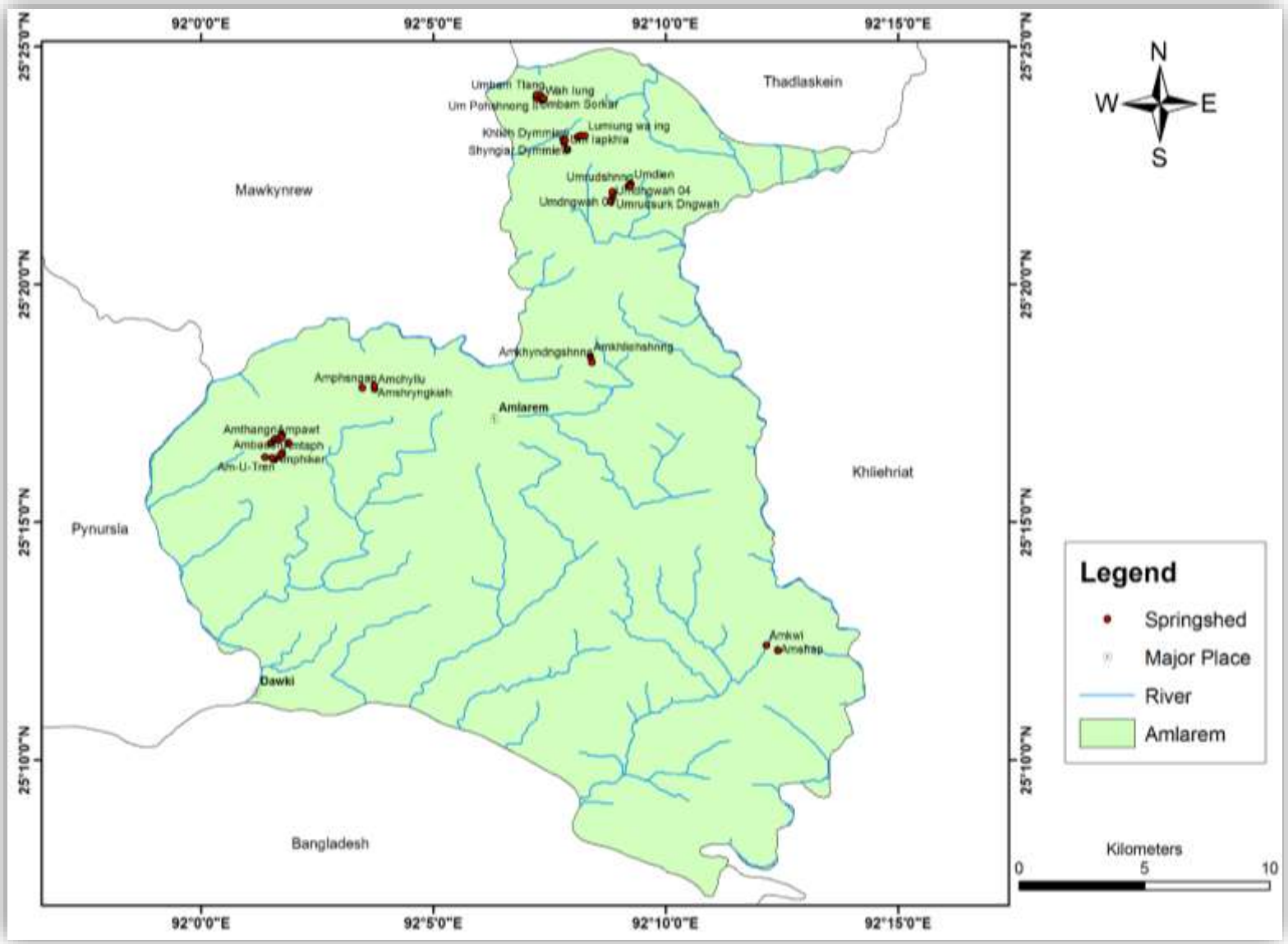
LASKEIN C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
15	Um Liar Kharu	25.58071	92.37084	Thadsning	Community	RCC tap chamber	2.13	25
16	Um Mowlynter 01	25.5727	92.37372	Thadsning	Community	RCC tap chamber	5.07	20
17	Um Mowlynter 02	25.57953	92.37756	Thadsning	Community	RCC tap chamber	1.12	5
18	Um Mowshyngkiah	25.54479	92.38658	Thadsning	Community	RCC tap chamber	1.74	30
19	Um Mukoi Khrang	25.58157	92.37682	Thadsning	Community	RCC tap chamber	1.31	20
20	Um Pdang	25.51313	92.36846	Thadsning	Community	RCC tap chamber	2.09	40
21	Um Sning	25.52952	92.38909	Thadsning	Community	RCC tap chamber	3.5	22
22	Umiariang	25.53482	92.38693	Mukroh	Community	RCC spring tap chamber	4.67	20
23	Umionglad	25.62421	92.48637	Shilliang Myntang	Community	RCC spring tap chamber	0.37	2
24	Umkniadinar	25.57313	92.35891	Mukroh	Community	RCC spring tap chamber	3.02	8
25	Umkrem A	25.61909	92.49433	Thadsning	Community	RCC tap chamber	5.75	8
26	Umkrem B	25.57994	92.37469	Thadsning	Community	RCC tap chamber	1.63	5
27	Umksehwapat A	25.57947	92.37388	Shilliang Myntang	Community	RCC spring chamber with stone masonry base	2.7	20
28	Umksehwapat B	25.57277	92.36366	Shilliang Myntang	Community	RCC spring tap chamber	1.96	6
29	Umladoh	25.57124	92.36306	Shilliang Myntang	Community	RCC spring chamber with stone masonry base	1.75	46
30	Umlein	25.56491	92.36152	Shilliang Myntang	Community	RCC spring chamber with stone masonry base	5.63	40
31	Umliarparin01	25.56943	92.36117	Barato	Community	RCC spring tap chamber	0.78	15

LASKEIN C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
32	Umliarparin02	25.60638	92.44523	Barato	Community	RCC spring tap chamber	0.48	15
33	Ummoolakhriang	25.6064	92.44516	Mukroh	Community	RCC spring tap chamber	0.8	10
34	Ummoosariang	25.62755	92.48748	Shilliang Myntang	Community	RCC spring tap chamber	1.63	20
35	Umnan	25.56368	92.35647	Barato	Community	RCC tap chamber	5.41	11
36	Umnohmasi	25.60701	92.45261	Mukroh	Community	RCC spring tap chamber	3.43	100
37	Umpamron	25.62226	92.48664	Barato	Community	RCC tap chamber	0.66	30
38	Umpyrda	25.61203	92.456	Barato	Community	RCC spring tap chamber	7.74	50
39	Umraklong	25.60743	92.45914	Mukroh	Community	RCC spring tap chamber	4.71	30
40	Umsahtkoh	25.62139	92.4924	Shilliang Myntang	Community	CC spring chamber and rf with tin sheet	5.58	12
41	Umsorkar	25.53931	92.38746	Mukroh	Community	RCC spring tap chamber	1.09	30
42	Umthawkhiaw	25.62211	92.48863	Shilliang Myntang	Community	pen tap chamber	1.06	25
43	Umthlu	25.56965	92.35702	Barato	Community	RCC tap chamber with stone masonry base	3.43	80
44	Umtihsuwei	25.61137	92.44862	Barato	Community	pen water harvesting tank	3.19	15

Springmap Of Amlarem



Lean Season Data

Peak Season Data

AMLAREM C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Khlieh Dymmiew	25.38293	92.13024	Moosakhia	Community	RCC Tap Chamber	0.31	10
2	Lumiung wa ing	25.38547	92.13756	Moosakhia	Community	RCC Tap Chamber	4.62	30
3	Shyngiar Dymmiew	25.38376	92.13063	Moosakhia	Community	RCC Tap Chamber	0.56	20
4	Shyngiar Pohdymmiew	25.38421	92.12986	Moosakhia	Community	RCC Tap Chamber	12.5	25
5	Um Iapkhla	25.38064	92.1313	Moosakhia	Community	Open dug out	1.67	16
6	Um Pohshnong I	25.39831	92.12243	Samanong	Community	RCC Tap Chamber	0.2	10
7	Um Pohshnong II	25.39935	92.12189	Samanong	Community	RCC Tap Chamber	0.54	10
8	Um Wah Tyngkhip	25.39849	92.12282	Samanong	Community	RCC Tap Chamber	7.5	40
9	Umbam Shnong	25.38486	92.13496	Moosakhia	Community	RCC Tap Chamber	0.68	15
10	Umbam Sorkar	25.38535	92.13605	Moosakhia	Community	RCC Tap Chamber	2.54	30
11	Umbam Sorkar	25.39869	92.12023	Samanong	Community	RCC Tap Chamber	1.15	10
12	Umbam Tlang	25.39978	92.12031	Samanong	Community	Open dug out	0.1	10

AMLAREM C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
13	Wah lung	25.39785	92.12235	Samanong	Community	RCC Tap Chamber	0.5	10
14	Am-U-Tren	25.2728	92.0229	Padubah	Community	Connected with GI pipe from the source	66.67	133
15	Ambasan	25.28054	92.02902	Padubah	Community	RCC spring tap chamber with stone masonry base	19.02	38
16	Amchyllu	25.2967	92.06223	Mawlong	Community	Source tsp chamber, storage tank with washing platform	13.79	47
17	Amchyrwiang	25.2743	92.20913	Padubah	Community	Emerges from rock, Connected with bamboo; Storage tank for lean season	12.9	30
18	Amkhliehshnong	25.30807	92.13966	Thangbuli	Community	RCC spring tap chamber	2.02	15
19	Amkhyndongshnong	25.3062	92.14012	Thangbuli	Community	Stone masonry wall with tin sheet rf	1.4	20
20	Amkwoi	25.20689	92.20268	Tarangblang	Community	RCC storage tank	40	60
21	Amkyrmai	25.27976	92.02884	Padubah	Community	Connected with GI pipe from the source	4.24	8
22	Amludong	25.27782	92.03135	Padubah	Community	RCC spring tap chamber	2.03	4
23	Ampawot	25.27904	92.02629	Padubah	Community	RCC spring tap chamber	1.42	3
24	Amphiker	25.27251	92.0256	Padubah	Community	Connected with GI pipe from the source	54.55	109
25	Amphrangrangdong	25.27202	92.02594	Padubah	Community	RCC spring tap chamber	1.99	20
26	Ampohsngap	25.29717	92.0578	Mawlong	Community	C.C	5.59	11

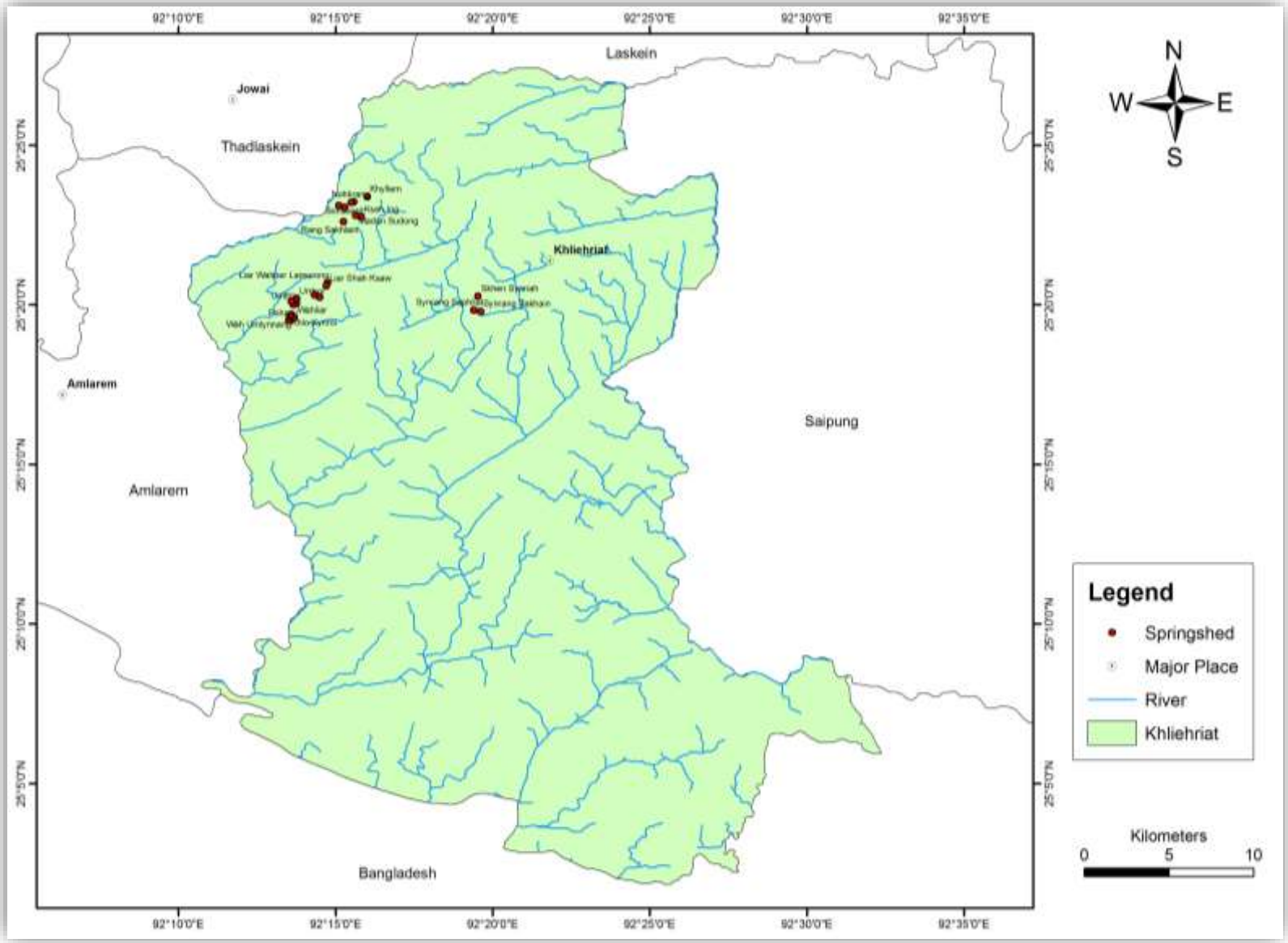
AMLAREM C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
27	Amshap	25.20519	92.20677	Tarangblang	Community	RCC spring tap chamber with washing platform	12	24
28	Amsohryngkiah	25.29781	92.06213	Mawlong	Community	A check dam was constructed t arrest the water and from the dam water is connected with a bamboo to a washing platform	144.58	289
29	Amtapoh	25.27342	92.0284	Padubah	Community	Open dug out with stone masonry	12	24
30	Amthangri	25.27902	92.0278	Padubah	Community	Connected with bamboo from the source	5.71	11
31	Amtrathneng	25.2792	92.02657	Padubah	Community	RCC spring tap chamber under construction	8.16	16
32	Amtyngnger	25.27777	92.02506	Padubah	Community	RCC spring tap chamber	19.43	39
33	Umdien	25.36848	92.1541	Shkenpyrsit	Community	Open dug out, Connected with a plastic pipe	3	20
34	Umdongwah 01	25.36544	92.14771	Shkenpyrsit	Community	RCC spring tap chamber	1.94	10
35	Umdongwah 02	25.36552	92.14765	Shkenpyrsit	Community	RCC spring tap chamber	2.67	5
36	Umdongwah 03	25.36566	92.14758	Shkenpyrsit	Community	RCC spring tap chamber	0.36	7
37	Umdongwah 04	25.36572	92.14746	Shkenpyrsit	Community	Open dug out with tin sheet roof	0.89	6
38	Umphrangshnong	25.36852	92.15408	Shkenpyrsit	Community	RCC spring tap chamber	1.95	20
39	Umpyrdishnong	25.36779	92.15325	Shkenpyrsit	Community	RCC spring tap chamber	11.76	20

AMLAREM C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
40	Umrudshnong	25.36753	92.15385	Shkenpyrsit	Community	Open dug out	1.56	10
41	Umrudsurok Dongwah	25.36369	92.14766	Shkenpyrsit	Community	Open dug out	0.75	7
42	Umskul SSA 01	25.36246	92.14695	Shkenpyrsit	Community	RCC spring tap chamber	1.19	2
43	Umskul SSA 02	25.36245	92.14688	Shkenpyrsit	Community	Open dug out	1.65	2

Springmap Of Khliehriat



Lean Season Data

KHLIEHRIAT C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Iap Thabak	25.33731	92.24151	Rangad	Community	RCC Tap Chamber	17.14	60
2	Iurim	25.42908	92.28128	Tuber Kmaishnong	Community	RCC Tap Chamber	1.61	95
3	Khlieh Iangkar	25.38531	92.25163	Mukhaialong	Community	Open tap chamber with brick mortar	2	40
4	Khlo Kynroi	25.32529	92.22509	Lumputhoi	Community	RCC Tap Chamber	0.91	2
5	Khlo Umshlum	25.43259	92.2845	Tuber Kmaishnong	Community	Direct connection with pipe (construction is under process)	7.5	70
6	Khyllem	25.38992	92.26654	Mukhaialong	Community	RCC Chamber	44.2	200
7	Kor Deinlin	25.43707	92.29349	Tuber Kmaishnong	Community	Open stone mortar tap	0.61	70
8	Kordienglieng	25.439528	92.2935	Tuber Kmaishnong, EJH		Springtap Chamber	2.15	5
9	Krem Iapat	25.30095	92.329567	Rymbai, EJH		Open	15	30
10	Kseh Ing	25.37916	92.26347	Mukhaialong	Community	Open CC Tank	2.33	30
11	Kyndit Mynsoo	25.32835	92.22641	Lumputhoi	Community	RCC Tap Chamber	1.8	15
12	Liar Shah Ksaw	25.34329	92.245	Rangad	Community	Covered dug out	2.94	50
13	Liar Umlynnang	25.334217	92.259033	Moonongtdu, EJH		Spring tap	1	12
14	Liar Umpther	25.33495	92.245683	Rngad, EJH		Open	1.1	2

KHLIEHRIAT C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
15	Liar Wahber Lamurong	25.34481	92.24556	Rangad	Community	RCC Tap Chamber	14	100
16	Lumbiar	25.44565	92.28474	Tuber Sohshrieh	Community	RCC Tap Chamber	1.88	30
17	Lurim	25.428256	92.281269	Tuber Kmaishnong, EJH	Community	Spring tap	1.69	4
18	Madan Sudong	25.38003	92.26052	Mukhaialong	Community	RCC Tap Chamber	1.06	50
19	Moowalieh	25.45186	92.28791	Tuber Sohshrieh	Community	RCC Tap Chamber	1.29	30
20	Mukoi	25.336533	92.229183	Moonongtdu, EJH	Community	Spring tap	0.85	2
21	Nohkrang	25.38714	92.25949	Mukhaialong	Community	Stone mortar tap	3.33	50
22	Nohsiang	25.44829	92.28404	Tuber Sohshrieh	Community	Open dug out	0.2	3
23	Poh Ryng-a	25.38424	92.25468	Mukhaialong	Community	RCC Tap Chamber	0.33	20
24	Pohiaw Hiarlein	25.43685	92.29233	Tuber Kmaishnong	Community	RCC Tap Chamber	0.75	80
25	Pohlikyiah	25.387767	92.264717	Mukhaialong, EJH	Community	RCC Tap Chamber	2.27	5
26	Pohlyngdoh I	25.42887	92.28538	Tuber Kmaishnong	Community	RCC Tap Chamber	0.26	70
27	Pohlyngdoh II	25.4285	92.28578	Tuber Kmaishnong	Community	Open dug out	1	40
28	Pohsiej	25.33349	92.22756	Moonongtdu	Community	RCC Tap Chamber	1.39	3
29	Rang Sakhlain	25.3768	92.25409	Mukhaialong	Community	Open tap chamber with stone mortar	2.1	30
30	Siejukin	25.322217	92.23455	Rngad, EJH	Community	Open	14.29	29

KHLIEHRIAT C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
31	Skhen Synriah	25.3378	92.32546	Rymbai	Community	RCC Tap Chamber	1.4	200
32	Sohlawait	25.38675	92.25817	Mukhaialong	Community	RCC Tap Chamber	6	40
33	Sohsubon	25.293517	92.321617	Rymbai, EJH	Community	Open	2.85	6
34	Synrang Sakhain	25.32984	92.32673	Rymbai	Community	Open dug out	1.23	30
35	Synrang Saphliat	25.33058	92.32325	Rymbai	Community	RCC Tap Chamber	1.5	50
36	Tahmujon	25.39095	92.264783	Mukhaialong, EJH	Community	RCC Tap Chamber	0.75	2
37	Tahthlong	25.38485	92.265617	Mukhaialong, EJH	Community	RCC Tap Chamber	3.15	6
38	Thangbru	25.389717	92.26045	Mukhaialong, EJH	Community	Spring tap Chamber	3	6
39	Umdot	25.33015	92.33485	Rymbai, EJH	Community	Open	0.45	1
40	Umkoi	25.33647	92.22917	Moonongtdu	Community	RCC Tap Chamber	10	20
41	Umlaru	25.3024	92.327583	Rymbai, EJH	Community	RCC Tap Chamber	0.35	2
42	Umlynnang	25.33532	92.22633	Moonongtdu	Community	RCC Tap Chamber	4.8	10
43	Ummarein	25.32535	92.230283	Rngad, EJH	Community	Open	1	2
44	Umpawiat	25.332467	92.247867	Rngad, EJH	Community	Open	6	12
45	Umsyllih	25.434228	92.291394	Tuber Kmaishnong, EJH	Community	Chamber springtap	3.63	8
46	Umsynthu	25.388383	92.263017	Mukhaialong, EJH	Community	RCC Tap Chamber	2	4

KHLIEHRIAT C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
47	Umthlu	25.33406	92.22898	Moonongtdu	Community	Open dug out	0.77	2
48	Wah Katbang	25.33844	92.23887	Rangad	Community	RCC Tap Chamber	4	50
49	Wah Umlynnang	25.32737	92.2255	Lumputhoi	Community	RCC Tap Chamber	1.27	15
50	Wahliar	25.32656	92.22819	Lumputhoi	Community	RCC Tap Chamber	1.27	3
51	UmPohwah Jalyiah kmai(A)	25.39197	92.34523	Jalyiah	Locality	R.C.C Spring Tap Chamber	0.888	30
52	UmPohwah jalyiah kmai(B)	25.39164	92.34556	Jalyiah	Locality	R.C.C Spring Tap Chamber	0.888	30
53	UmPohwah jalyiah Dong nein (C)	25.39171	92.34261	Jalyiah	Locality	R.C.C Spring Tap Chamber	3	6
54	Um Satlang jalyiah nein	25.38915	92.34164	Jalyiah	Locality	Stone Masonry Work	0.65	50
55	Um Rangkadep jalyiah nein (A)	25.38823	92.34121	Jalyiah	Locality	R.C.C Spring Tap Chamber	2.5	10
56	Um Rangkadep jalyiah nein (B)	25.38817	92.34254	Jalyiah	Locality	Stone Masonry	1.66	140
57	Um liangdkhar jalyiah nein (C)	25.38885	92.34545	Jalyiah	Locality	Open	0.5	36
58	Um liangdkhar jalyiah nein (D)	25.38867	92.34528	Jalyiah	Locality	Open	3	130
59	Umpohprut jalyiah kmai	25.38961	92.34708	Jalyiah	Locality	Open	5.217	150
60	Umpohriat jalyiah kmai	25.39001	92.34937	Jalyiah	Locality	Stone masonry	0.5	80
61	Umpohsynrang jalyiah kmai	25.39213	92.34818	Jalyiah	Locality	R.C.C Spring Tap Chamber	5	120

KHLIEHRIAT C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
62	Umthwai-Uri jalyiah kmai	25.3957	92.34797	Jalyiah	Locality	Stone masonry	2	160
63	Umkhah jalyiah moolari	25.39441	92.35358	Jalyiah	Locality	Open	0.8	50
64	Um Madankhah jalyiah moolari	25.39488	92.35484	Jalyiah	Locality	Open	0.71	40
65	Um Thlusiang jalyiah moolari	25.39661	92.35543	Jalyiah	Locality	R.C.C Spring Tap Chamber	2.5	65
66	UmMyngksing (A)	25.39611	92.36385	Jalyiah	Locality	R.C.C Spring Tap Chamber	5	80
67	Um Mynksing jalyiah moolari (B)	25.39519	92.36225	Jalyiah	Locality	Stone masonry	0.6	36
68	Um Mynksing(C)	25.39541	92.36135	Jalyiah	Locality	R.C.C Spring Tap Chamber	0.85	36
69	Umpohslachet Shiliang iarain	25.39463	92.34318	Jalyiah	community	Spring Tap Chamber	1.3	250
70	UmPatur Shiliang Iarain (A)	25.39726	92.34192	Jalyiah	Locality	Masonry wall	0.75	50
71	UmPatur Shiliang Iarain (B)	25.39683	92.34024	Jalyiah	Locality	R.C.C Spring Tap Chamber	10	120
72	Umkhloosungia	25.3962	92.33798	Jalyiah	Locality	R.C.C Spring Tap Chamber	3.5	200
73	Umiapsada jalyiah kmai	25.39362	92.35041	Jalyiah	Locality	Open Dug Out	1.5	150
74	Umtlang Jalyiah kmai (A)	25.39252	92.35276	Jalyiah	Locality	Open Dug Out	1.4	40
75	Umtlang (B) Jalyiah kmai	25.39166	92.35297	Jalyiah	Locality	Open Dug Out	1	115
76	Umtoni Jalyiah moolari	25.397456	92.35744	Jalyiah	Locality	Open Dug Out	0.3	160

KHLIEHRIAT C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
77	Um Mooksing (D)	25.39374	92.35983	Jalyiah	Locality	R.C.C Spring Tap Chamber	2.5	40
78	Um khloobor	25.39283	92.35847	Jalyiah	Locality	Open Spring	1.6	60
79	Umpohseij	25.38905	92.33968	Jalyiah	Locality	Open Spring	0.6	98
80	Umkhloo manang	25.38752	92.33784	Jalyiah	Locality	Open Spring	0.5	46
81	Um rangkadep chiliang iarain	25.3886	92.33737	Jalyiah	Locality	R.C.C Spring Tap Chamber	3.38	78
82	Umpohriat jalyiah nein shnong	25.39048	92.33843	Jalyiah	Locality	R.C.C Spring Tap Chamber	2.88	180
83	Um Chiehjon (A)	25.39336	92.33289	Khlieh Myntriang	Locality	Spring tap chamber	0.56	100
84	Um Chiehjon (B)	25.39301	92.331769	Khlieh Myntriang	Locality	R.C.C Spring Tap Chamber	4.54	90
85	Um Latkhar (A)	25.39410	92.32993	Khlieh Myntriang	Locality	R.C.C Storage structure	33.3	340
86	Um Latkhar (B)	25.39605	92.32912	Khlieh Myntriang	Locality	R.C.C Check Dam	18	180
87	Um Pohsurok	25.39515	92.1292	Khlieh Myntriang	Locality	R.C.C Spring Tap Chamber	0.5	70
88	Um Sahblang (A)	25.39602	92.33624	Khlieh Myntriang	Locality	Spring Tap Chamber	0.727	80
89	Um Sahblang (B)	25.39604	92.33647	Khlieh Myntriang	Locality	R.C.C Check Dam	1.97	40
90	Um-thanad Nohkhara	25.39125	92.32420	Mookhep	Locality	Open Spring	3	50
91	Umlatkhar (A) Mookhep	25.38990	92.32515	Mookhep	Locality	R.C.C Spring Tap Chamber	4.2	60
92	Umlatkhar (B)	25.39010	92.32684	Mookhep	Locality	Open Spring	7	30

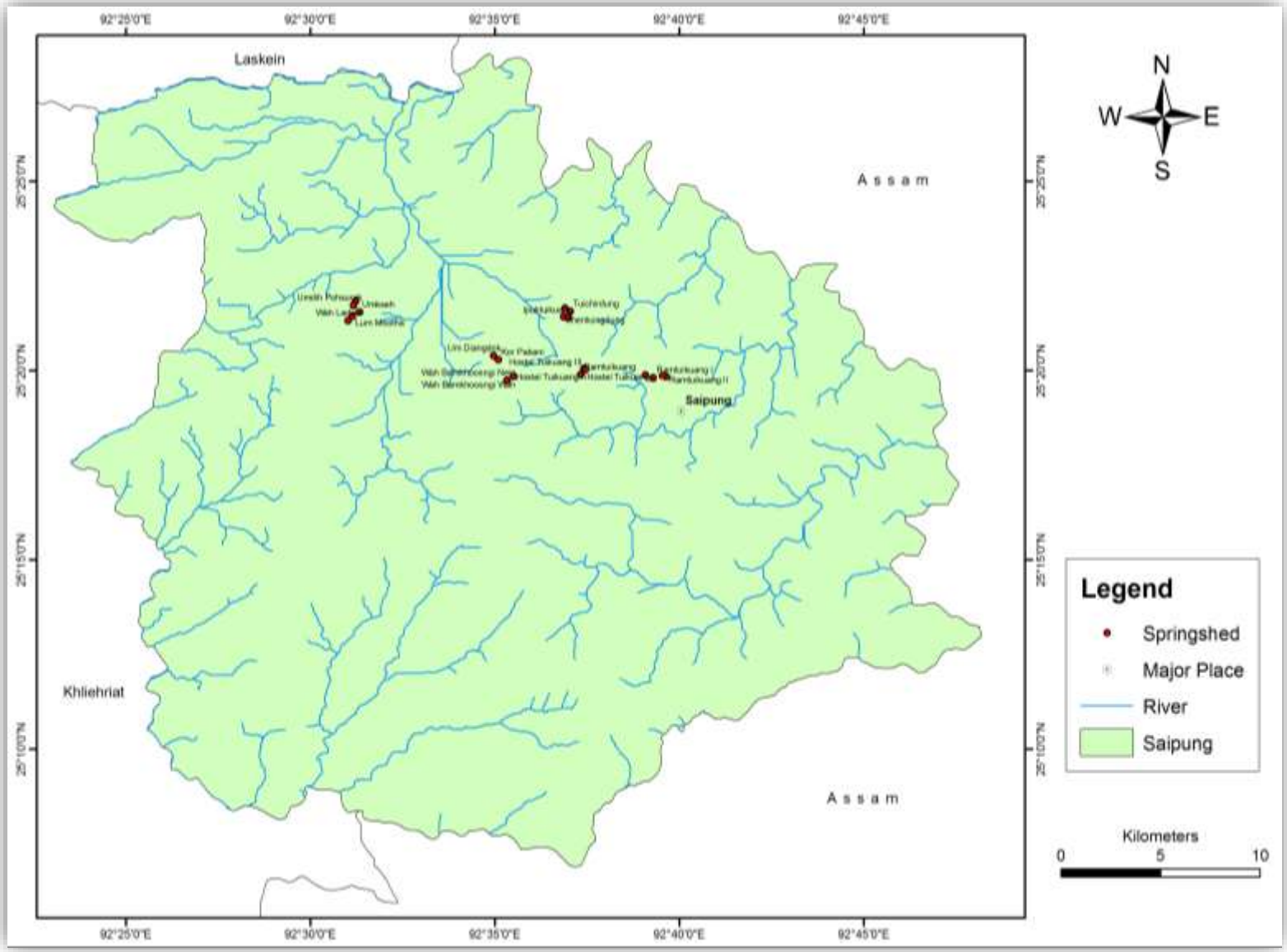
KHLIEHRIAT C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
93	Umlatkhar (C)	25.39030	92.32771	Mookhep	Locality	R.C.C Spring Tap Chamber	5	NIL
94	Umpohmooknor mookhep	25.39228	92.32767	Mookhep	community	Check Dam	21.9	700
95	Umpohmooknor mookhep (B)	25.392720	92.32758	Mookhep	Locality	R.C.C Spring Tap Chamber	2	
96	Umpohmooknor (C)mookhep	25.39283	92.32757	Mookhep	Locality	R.C.C Spring Tap Chamber	6	25
97	Umpohmooknor (D)	25.39243	92.32722	Mookhep	Locality	R.C.C Spring Tap Chamber	7	100
98	Um Pohsurok Byepass Mookhep	25.39471	92.32077	Mookhep	Locality	Open Dug Out	0.6	20
99	Um tnad wah Myntriang (A)	25.39564	92.32130	Mookhep	Locality	Open Dug Out	0.4	15
100	Um tnad wah Myntriang (B) Mookhep	25.39614	92.32073	Mookhep	Locality	Open Dug Out	0.9	14
101	Um poh Mookhep (A)	25.39715	92.3248	Mookhep	Locality	R.C.C Spring Tap Chamber	2	120
102	Um poh Mookhep (B)	25.39654	92.34213	Mookhep	Locality	R.C.C Spring Tap Chamber	30	30
103	Um poh Mookhep (C)	25.39586	92.32385	Mookhep	Locality	R.C.C Spring Tap Chamber	2.1	100
104	So Suchiang Mookhep	25.39225	92.32269	Mookhep	Locality	No Infrastructure	4	17
105	Um dien iungmane mookhep	25.39183	92.32372	Mookhep	Locality	R.C.C Spring Tap Chamber	3.2	10
106	Um (Hadien trep masi Phlim Rymbai)	25.39172	92.3232	Mookhep	Locality	R.C.C Spring Tap Chamber	32	16
107	Um Nohkhara	25.39003	92.32346	Mookhep	Locality	R.C.C Spring Tap Chamber	0.8	20

KHLIEHRIAT C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
108	Umpohriat	25.34916	92.43512	Mookympad	public	R.C.C Spring Tap Chamber	0.2	30
109	Affection Malang	25.34748	92.43721	Mookympad	private	No Infrastructure	4	30
110	um pohstang	25.34215	92.43623	Mookympad	public	R.C.C Spring Tap Chamber	6	300
111	um sorkar	25.35338	92.43718	Mookympad	public	R.C.C Spring Tap Chamber	1	70
112	Thicklang chyrmang	25.37808	92.4416	Sutnga	Private	RCC springtap chamber	0.323	10
113	Umshyniar	25.37774	92.44529	Sutnga	Community	supply system	3.2	260
114	um-Pohkper	25.37808	92.44065	Sutnga	Locality	Spring tap chamber	1.42	162
115	um-Madan ball-Mission	25.02215	92.2613	Sutnga	public	Spring chamber	2	103
116	um sorkar (a) dong wailong	25.37557	92.43455	Sutnga	public	No Infrastructure	4.008	116
117	um sorkar (b) dong wailong	25.35537	92.4368	Sutnga	public	Spring chamber	0.583	65
118	um sorkar (c) dong wailong	25.37514	92.43465	Sutnga	public	No Infrastructure	1.586	109

Springmap Of Saipung



Lean Season Data

Peak Season Data

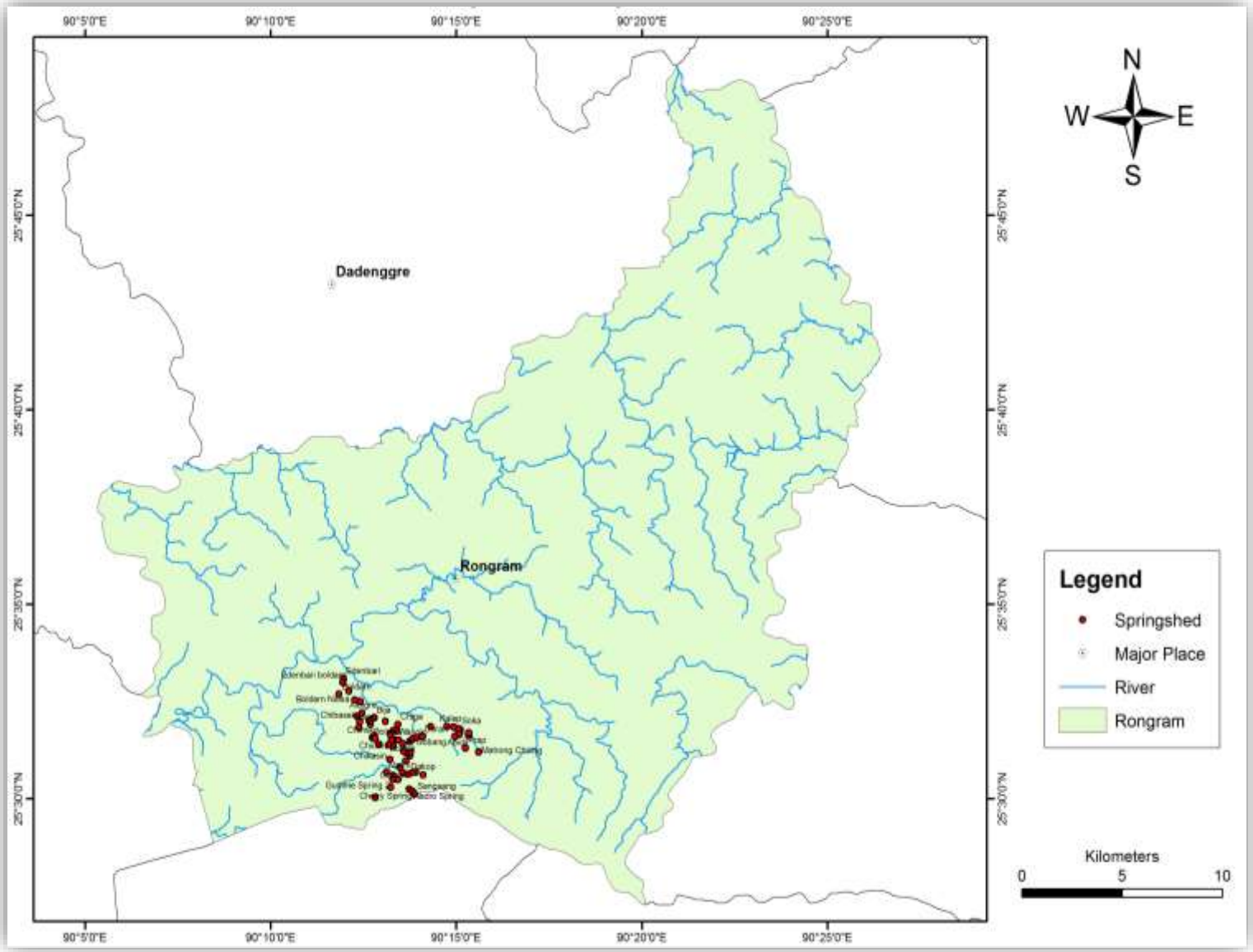
SAIPUNG C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on this Source
1	Henkunglung	25.36082	92.61493	Ngaibang, EJH	Community	Open dug out	0.1	1
2	Hostel Tuikuang I	25.33414	92.62339	Saipung	Community	RCC Tap Chamber	0.27	20
3	Hostel Tuikuang II	25.33406	92.62347	Saipung	Community	Stone dug out	0.5	20
4	Hostel Tuikuang III	25.33387	92.62402	Saipung	Community	RCC Tap Chamber	0.82	30
5	Ipuktuikuang	25.35655	92.61627	Ngaibang	Community	Open CC Chamber	1	5
6	Ithenkungdung	25.3571	92.61433	Ngaibang	Community	Open dug out	2.31	7
7	Ithlangtuikuang I	25.33139	92.65122	Lura	Community	Open (rock) dug out	1.04	40
8	Ithlangtuikuang II	25.331	92.65895	Lura	Community	Open dug out	0.5	20
9	Khliehsurok	25.3395	92.5861	Daistong, EJH	Community	Open dug out	1.1	13
10	Kor Pakani	25.33798	92.58472	Daistong	Community	CC Tap Chamber with roof top	9.09	19
11	Lum Mootha	25.35725	92.51888	Khaidong	Community	Open dug out	0.83	2
12	Moolong	25.34317	92.63583	Daistong, EJH	Community	Spring Tap	2.5	5
13	Pohlum mookhlot	25.35808	92.58098	Lumshyrngan, EJH	Community	Open dug out	9	18
14	Pohmoo tyngkren	25.35603	92.58323	Lumshyrngan, EJH	Community	Open dug out	27	54

SAIPUNG C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on this Source
15	Ramtuikuang	25.33149	92.62194	Saipung	Community	Spring Tap	200	400
16	Ramtuikuang 2	25.35893	92.52198	Saipung, EJH	Community	RCC Tap Chamber	1.62	15
17	Ramtuikuang I	25.3301	92.65477	Lura	Community	Open dug out	2.1	30
18	Ramtuikuang II	25.33059	92.66066	Lura	Community	Open store dug out	1.57	30
19	Ropuikungdung	25.36081	92.6149	Ngaibang	Community	RCC Tap Chamber	1.1	15
20	Topuikongdung	25.35927	92.61727	Ngaibang, EJH	Community	Open Dug out	4.7	12
21	Tuicherdung	25.35708	92.61428	Ngaibang, EJH	Community	Spring Tap	4.8	7
22	Um Diangdok	25.33975	92.58266	Daistong	Community	RCC Covered storage tank	2.68	6
23	Umdih Pohsurok	25.362	92.5193	Lum Bangla	Community	RCC Tap Chamber	0.17	2
24	Umdih Rudsurok	25.36402	92.52047	Lum Bangla	Community	RCC Tap Chamber	1.91	4
25	Umkseh	25.35895	92.52198	Lum Bangla	Community	CC Open tank	3	6
26	Wah Bamkhoosngi (Nein)	25.3283	92.58844	Bamkhoosngi, EJH	Community	RCC Tap Chamber	0.91	12
27	Wah Bamkhoosngi (Wah)	25.33077	92.59164	Bamkhoosngi, EJH	Community	RCC Tap Chamber	1	20
28	Wah Ladaw	25.35527	92.51697	Khaidong	Community	RCC Tap Chamber	0.35	30
29	Wahmotha	25.35431	92.51801	Khaidong, EJH	Community	Open Dug Out	9.5	19
30	Wahumksiar	25.36161	92.51308	Khaidong, EJH	Community	Cement Embankment	6	12

Springmap Of Rongram



RONGRAM C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on this Source
1	Abidil	25.52763	90.25111	Boldorenggre (F) TURA	Community	Open	52	104
2	Akilang	25.52822	90.25553	Boldorenggre (C) TURA	Community	RCC Spring Chamber	97.5	195
3	Akonggre Spring 1	25.51132	90.2258	Akonggre (B) TURA	Community	RCC Spring Chamber	37.25	75
4	Akonggre Spring 2	25.51002	90.22153	Akonggre (C) TURA	Community	RCC Spring Chamber	64.38	129
5	Alotgre	25.53681	90.20763	Alotgre (C) TURA	Community	RCC Spring Chamber	2.21	4
6	Alotgre Songgitcham	25.54172	90.20673	Alotgre Songgitcham TURA	Community	Kutcha	5.06	10
7	Bija	25.53473	90.21304	Jangga (D) TURA	Community	Open	23.5	47
8	Bolbok Spring	25.50067	90.21346	Chunmati TURA	Community	RCC Spring Chamber	16.21	32
9	Bolchim	25.53077	90.24872	Boldorenggre (E) TURA	Community	Open	86.6	173
10	Bolchu Gitok	25.54231	90.20431	Bolchu Gitok TURA	Community	RCC Spring Chamber	21.89	44
11	Boldak	25.52499	90.22249	Matchakol (B) TURA	Community	Kutcha	10	20
12	Boldam	25.54478	90.19727	Boldam TURA	Community	Open	32.85	66
13	Boldam Nalsa	25.54626	90.20164	Boldam Nalsa TURA	Community	RCC Spring Chamber	2.18	4
14	Bolma	25.52539	90.22237	Matchakol (A) TURA	Community	Open	23.5	47
15	Chanmari	25.52306	90.21944	Chandmary TURA	Community	Open	6.75	14

RONGRAM C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on this Source
16	Chetry Spring	25.50485	90.22041	Dobasipara (A) TURA	Community	RCC Spring Chamber	21.42	43
17	Chibasal	25.53532	90.20528	Alotgre (B) TURA	Community	RCC Spring Chamber	2.35	5
18	Chidare	25.52632	90.21219	Wadanang (C) TURA	Community	Open	5.06	10
19	Chiga	25.53189	90.22372	Balsri A.ding TURA	Community	RCC Spring Chamber	32.5	65
20	Chigi Spring	25.52719	90.2555	Boldorenggre (B) TURA	Community	Open	55.7	111
21	Chikasin	25.5169	90.22014	Mission Compound TURA	Community	Kutcha	15.88	32
22	Chimik	25.52606	90.21336	Wadanang (B) TURA	Community	Kutcha	24.37	49
23	Chisreng	25.52575	90.21347	Wadanang (E) TURA	Community	Kutcha	1.87	4
24	Chitoktak Spring	25.52361	90.22586	Spring Hills TURA	Community	Kutcha	24.54	49
25	Dakop	25.51047	90.22829	Nikrang A'ding (D) TURA	Community	RCC Spring Chamber	52	104
26	Deran	25.52656	90.23447	Deran Gittim (A) TURA	Community	Kutcha	30	60
27	Deran Bisik	25.52688	90.23486	Deran Gittim (B) TURA	Community	Open	78	156
28	Dingdora Spring	25.52247	90.22169	Dingdora TURA	Community	RCC Spring Chamber	67.5	135
29	Edenbari	25.55144	90.19917	Edenbari (A) TURA	Community	Open	5.56	11
30	Edenbari boldam	25.54968	90.19899	Edenbari (B) TURA	Community	Open	2.27	5
31	Gandrak Bisik 1	25.51994	90.22717	Upper Chandmary (B) TURA	Community	Open	49.09	98
32	Gandrak Bisik 2	25.52039	90.22628	Upper Chandmary (C) TURA	Community	RCC Spring Chamber	14.59	29

RONGRAM C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on this Source
33	Gandrak Chiret	25.52433	90.22894	Chitoktak (A) TURA	Community	Kutcha	7.2	14
34	Gararon	25.52672	90.24936	Boldorenggre (G) TURA	Community	Open	43.3	87
35	Gobang	25.52577	90.23049	Chitoktak (C) TURA	Community	RCC Spring Chamber	13	26
36	Gobang Bisik	25.52631	90.23217	Upper Chitoktak TURA	Community	Open	33.9	68
37	Gonseng	25.52511	90.22983	Chitoktak (B) TURA	Community	RCC Spring Chamber	17.3	35
38	Gopram	25.51356	90.22456	Babupara TURA	Community	RCC Spring Chamber	25.9	52
39	Gronggrim	25.52333	90.21526	Wadanang (A) TURA	Community	RCC Spring Chamber	17.9	36
40	Gudime Spring 1	25.50825	90.22372	Gudime (A) TURA	Community	Kutcha	56.55	113
41	Gudime Spring 2	25.50835	90.22156	Gudime (B) TURA	Community	Open	3.97	8
42	Jada Akol	25.51142	90.21859	Akonggre (A) TURA	Community	RCC Spring Chamber	21.03	42
43	Jangga	25.53327	90.21812	Cherangre (A) TURA	Community	Open	58.56	117
44	Jangga 2	25.53363	90.21126	Jangga (C) TURA	Community	Open	14.66	29
45	Kalep	25.53097	90.24569	Boldorenggre (I) TURA	Community	Open	31.2	62
46	Kasinang Bisik	25.52771	90.22025	RC Road TURA	Community	Open	24.8	50
47	Kongbe	25.53043	90.20612	Danak Kongbe TURA	Community	Open	35.75	72
48	Makkre Kidap	25.51139	90.23183	Nikrang A'ding (A) TURA	Community	Open	97.5	195
49	Masu Basik	25.5331	90.20647	Alotgre (A) TURA	Community	Kutcha	53.66	107

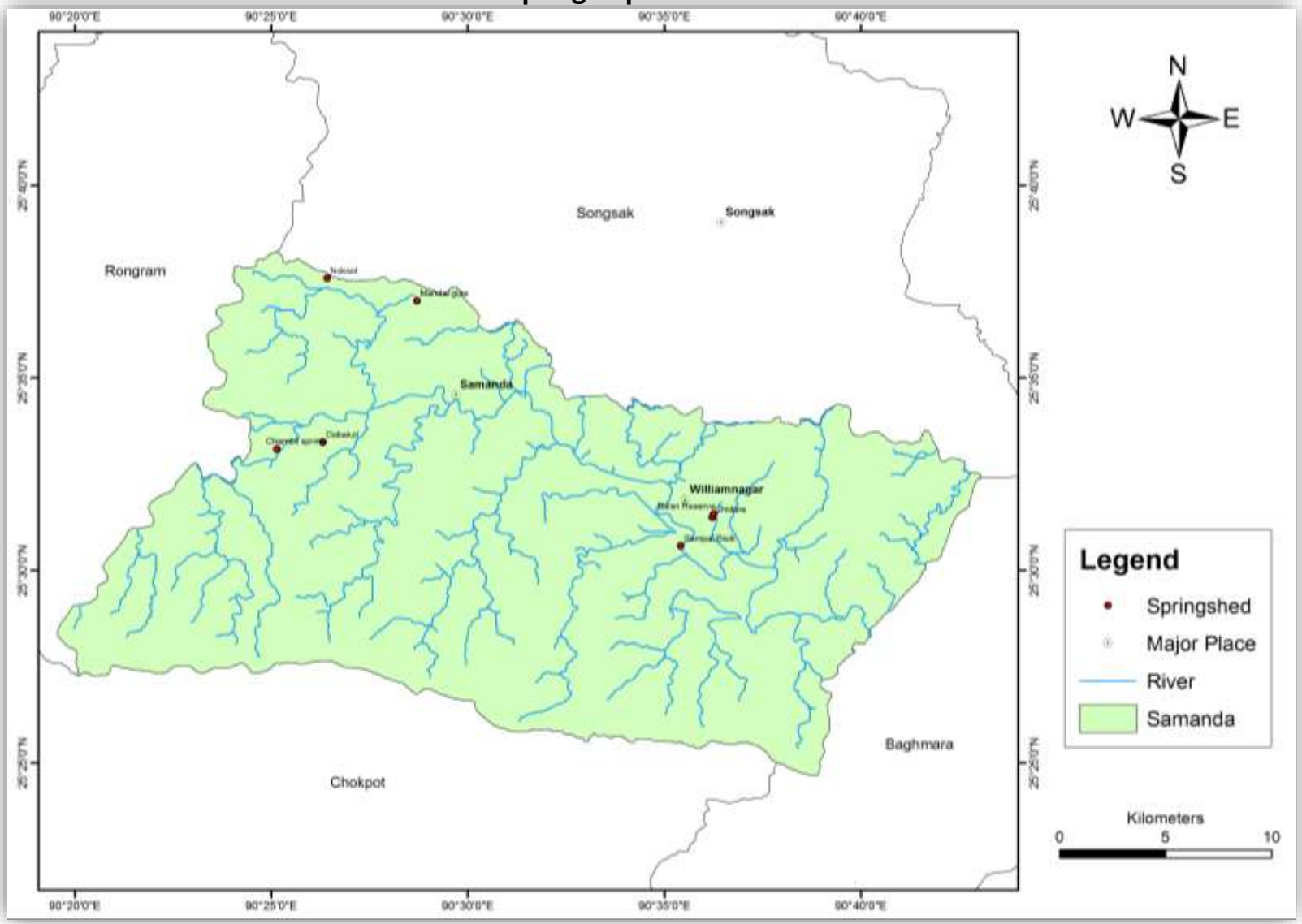
RONGRAM C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on this Source
50	Matcha Melaram ,Upper Shillong	25.55695	90.36476	Upper Babukona	Community	Open	45	90
51	Matchakol	25.52487	90.22073	Matchakol (D) TURA	Community	RCC Spring Chamber	38	76
52	Matrong (Sangsang)	25.50318	90.23019	Dobasipara (B) TURA	Community	Kutcha	8.39	17
53	Matrong Chiring	25.52008	90.25992	Aklang(Boldorenggre) TURA	Community	RCC Spring Chamber	38	76
54	Nachi	25.51108	90.23014	Nikrang A'ding (C) TURA	Community	Open	78	156
55	Nengsangrap	25.51019	90.23517	Nikrang A'ding (B) TURA	Community	Open	8.39	17
56	Oribol	25.52961	90.25169	Boldorenggre (D) TURA	Community	RCC Spring Chamber	78	156
57	Prap	25.52172	90.25397	Boldorenggre (A) TURA	Community	Kutcha	55.7	111
58	Rangban Bisik	25.51622	90.22717	Ringrey (A) TURA	Community	Open	65	130
59	Rengmal Bisik	25.52709	90.21307	Wadanang (D) TURA	Community	RCC Spring Chamber	86.6	173
60	Ringrey Bisik	25.51836	90.22919	Ringrey (B) TURA	Community	Open	20	40
61	Sangsang	25.50211	90.23115	Dobasipara (C) TURA	Community	Kutcha	13.44	27
62	Sangsim	25.53334	90.21086	Jangga (B) TURA	Community	Open	9.64	19
63	Soka	25.52999	90.25105	Akilanggre TURA	Community	RCC Spring Chamber	26	52
64	Tegatchu	25.53094	90.23842	Deran Gittim (C) TURA	Community	Kutcha	3.47	7
65	Upper Ringrey	25.51994	90.22936	Upper Chandmary (A) TURA	Community	Kutcha	78	156
66	Wadanang	25.52902	90.22335	Cherangre (C) TURA	Community	Kutcha	69.2	138

RONGRAM C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on this Source
67	Wadanang Bisik	25.52917	90.22166	Cherangre (B) TURA	Community	Open	10.6	21
68	Waddro	25.53094	90.23842	Deran Gittim (D) TURA	Community	RCC Spring Chamber	36	72
69	Wadro Spring	25.50413	90.22872	Akonggre (D) TURA	Community	RCC Spring Chamber	7.2	14
70	Wage	25.53181	90.21148	Jangga (A) TURA	Community	Kutcha	4.3	9
71	Wanok	25.52523	90.22402	Matchakol (C) TURA	Community	Open	1.3	3
72	Warisep	25.53083	90.24577	Boldorenggre (H) TURA	Community	Kutcha	12	24

Springmap Of Samanda



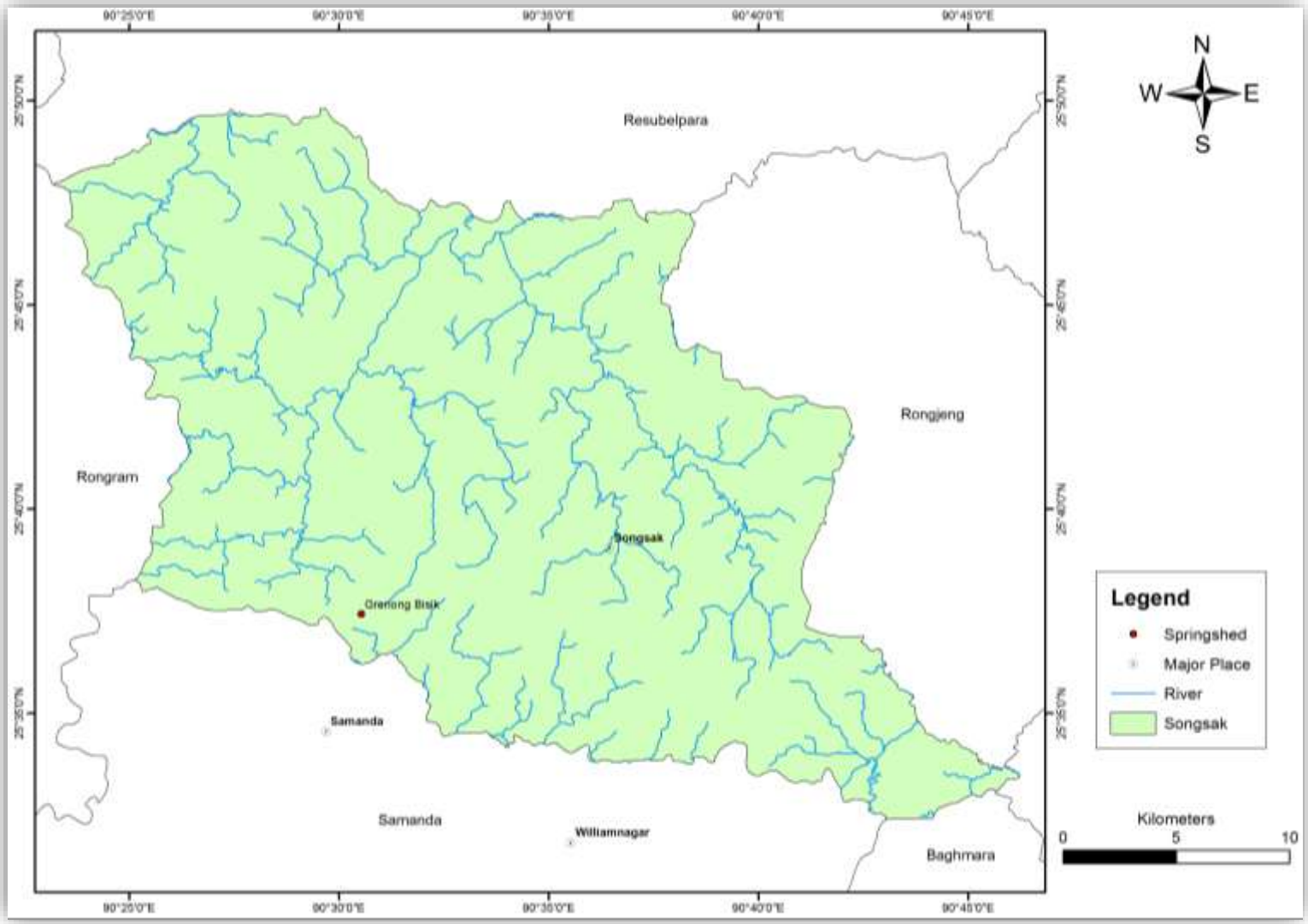
Lean Season Data

Peak Season Data

SAMADA C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Balsri Reserve	25.52444	90.60416	Balsri Gittim	Community	Open Spring	8.81	20
2	Chambil spring	25.55250	90.41888	Rongsak Songma	Community	Open Spring	4.28	9
3	Dobakol	25.55550	90.43833	Dobakol Rongsak	Community	Open Spring	7.00	14
4	Mandal gipe	25.61666	90.47833	Mandal gipe	Community	CC spring chamber	3.00	6
5	Noksot	25.62638	90.44027	Ampanggre II	Community	Spring Tap Chamber	3.69	7
6	Sampal Bisik	25.51056	90.59028	sampalanggre	Metil n . Sangma	Spring Tap Chamber (damage)	3.22	7
7	Chidare	25.52306	90.60361	Balsrigittim	Community	Open Spring	31.65	63
8	Wangwata	25.5287	90.38491	Gajing Abakgre	Community	Traditional Bamboo Structure	40	80

Springmap Of Songsak

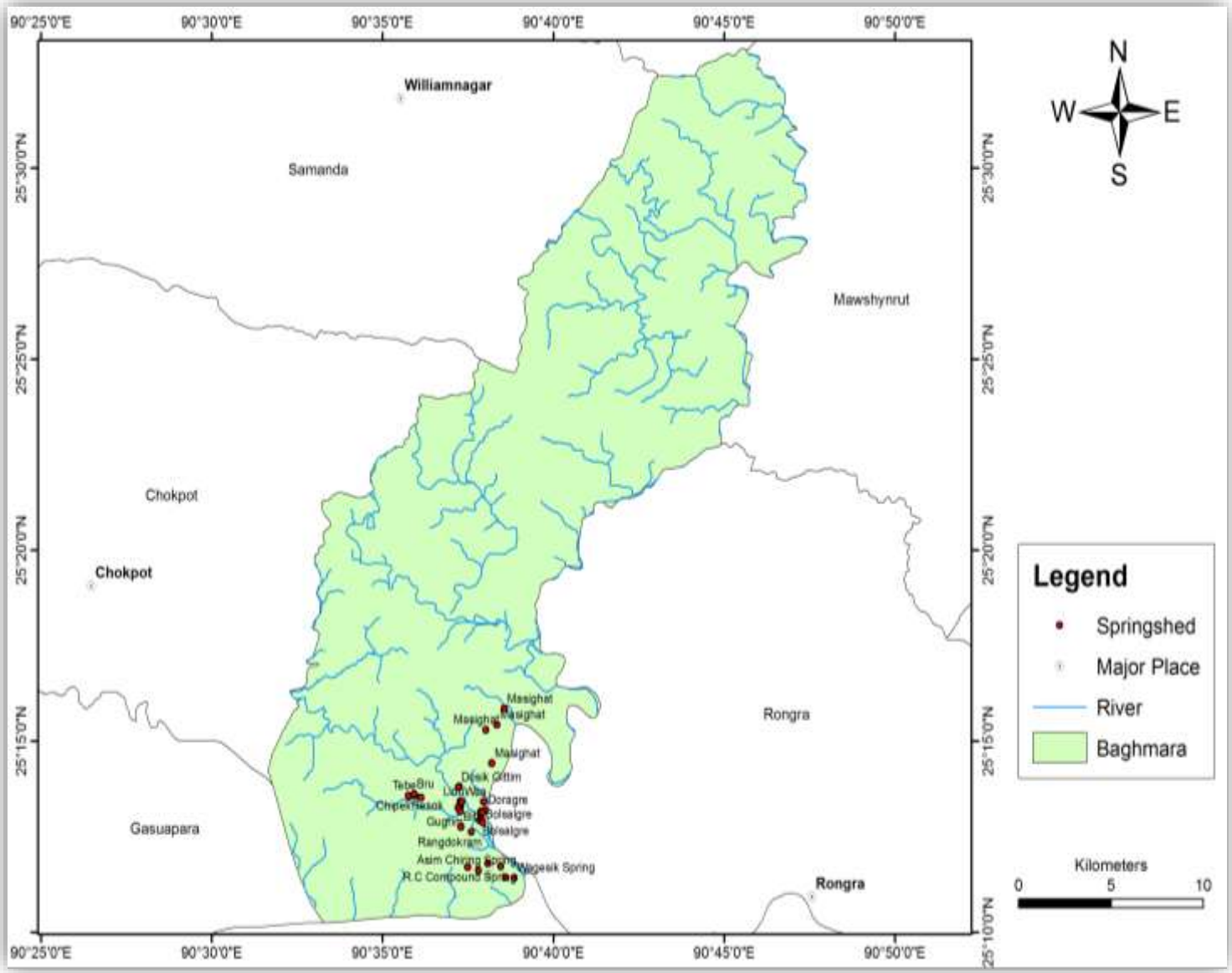


Lean Season Data

SAMADA C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on this Source
1	Grenong Bisik	25.62388	90.50888	Grenong	Community	Open Spring	3.75	8

Springmap Of Baghmara



Lean Season Data

Peak Season Data

BAGHMARA C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Asakgre	25.39912	90.28062	Asokgre	Private	Small Tank	1.32	3
2	Asimchiring	25.19404	90.63014	Asimchiring	Private	Spring Tap Chamber	0.15	5
3	Balsrigittim	25.19494	90.63014	Balsrigittim	Private	Open Spring	0.8	2
4	Bolsalgre	25.21459	90.63206	Balsiragre	Private	Open Spring	4.39	9
5	Dap Asakgre	25.3887	90.29749	Asokgre	Community	Check Dam	0.25	1
6	Dosik Gittim Chimik	25.23023	90.62058	Dosik gittim	Private	Spring Chamber	1.14	2
7	Dosik Gittim Chimik II	25.23133	90.62122	Dosik gittim	Private	Spring Tap Chamber	0.15	3
8	Dosik Gittim Chimik III	25.23125	90.61785	Dosik gittim	Private	Spring Tap Chamber	0.8	2
9	Gangrong Chiring	25.2407	90.63646	Masighat	Private	Check dam	0.5	1
10	Gokgabisa I	25.25198	90.63299	Lotnagar	Private	Dam	1.11	2
11	Gokgabisa II	25.25513	90.63369	Lotnagar	Private	Open Spring	0.22	5
12	Gokgabisa III	25.25613	90.63575	Lotnagar	Private	Open Spring	0.3	1
13	Jaksongram	25.21559	90.63078	Jaksongram	Community	Open Spring	0.11	1

BAGHMARA C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
14	Jongkol Randini Gittim	25.18806	90.62872	jongkol Awe	Private	Open Spring	0.8	2
15	Konagittim	25.19686	90.63248	Konagittim	Private	Open Spring	0.32	1
16	Malikona	25.19106	90.64539	Malikona	Private	Open Spring	0.26	1
17	Masighat Chiring	25.2425	90.63789	Masighat	Private	Open Spring	0.37	1
18	Wagesik	25.19046	90.64732	Wagesik	Private	Open Spring	0.9	2
19	Asim Chiring Spring	25.19378	90.63013	Asim Chiring	Community	Spring Tap Chamber	3.5	7
20	Balsri A'ding Spring	25.19055	90.64305	Balsri A'ding	Smt Aparna Marak, Shri Hitler Marak, Smt Fatima Marak	Spring Tap Chamber	0.47	1
21	Balsri Gittim Spring	25.19498	90.62479	Balsri Gittim	Community	Spring Tap Chamber	0.14	4
22	Bita	25.21277	90.6215	Dabit Bibra	Shri Mediller R.Marak	Spring Tap Chamber	1	2
23	Blue Hill	25.22367	90.63258	South Garo Hills	Community	Spring Tap Chamber	1.41	3
24	Bolsalgre	25.21552	90.6305	Bolsalgre	Community	Spring Tap Chamber	2.63	5
25	Bolsalgre	25.21741	90.63133	Bolsalgre	Community	Spring Tap Chamber	0.49	1
26	Bolsalgre	25.21932	90.63119	Bolsalgre	Community	Spring Tap Chamber	0.99	2
27	Bolsalgre	25.21906	90.63176	Bolsalgre	Community	Spring Tap Chamber	0.99	2
28	Bolsalgre	25.21463	90.63201	Bolsalgre	Community	Spring Tap Chamber	0.47	1

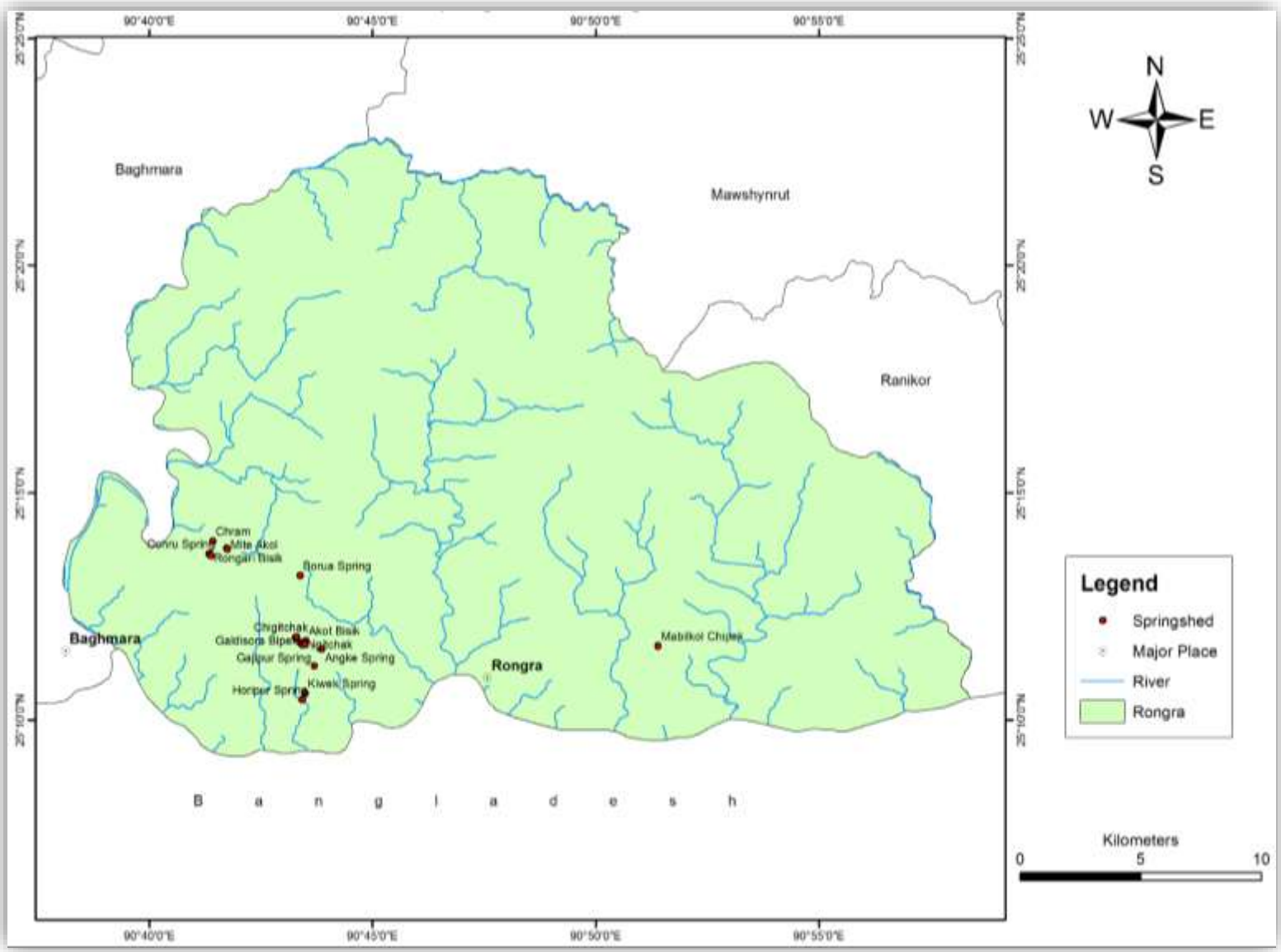
BAGHMARA C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
29	Bru	25.22699	90.59859	Dabit Songgital	Community	Spring Tap Chamber	10	20
30	Chibreng	25.22117	90.62012	Gongganagar,South Garo Hills	Community	RCC Chamber	5	10
31	Chipek	25.22632	90.59589	Asim Chiring	Community	Open Spring	12	24
32	Doragre	25.22003	90.63322	Doragre,South Garo Hills	Community	Check Dam	2.35	5
33	Dosik Gittim	25.23004	90.62027	Dosik Gittim, South Garo Hills	Community	Open Spring	0.99	2
34	Entiti Spring	25.22178	90.62132	Gonganaggre,South Garo Hills	Community	Spring Tap Chamber	5	10
35	Gugrim	25.21948	90.62093	Dabit Gonganaggre,	Community	Spring Tap	4	8
36	Lion	25.2238	90.62115	Asim Chiring	Community	Spring Tap Chamber	4	8
37	Masighat	25.24048	90.63643	Masighat, South Garo Hills	Community	Spring Tap Chamber	1.46	3
38	Masighat	25.25506	90.63374	Masighat, South Garo Hills	Community	Check Dam	1.46	3
39	Masighat	25.2643	90.64262	Masighat, South Garo Hills	Community	Check Dam	2.63	5
40	Masighat	25.25725	90.63892	Masighat, South Garo Hills	Community	Check Dam	1.162	2
41	R.C Compound Spring	25.19535	90.64101	R.C Compound, South Garo Hills	Community	Check Dam	0.88	2

BAGHMARA C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
42	Rangdokram	25.21046	90.62658	Rangdokram, South Garo Hills	Community	Spring Tap Chamber	0.88	2
43	Resok	25.22613	90.59615	Asim Chiring	Community	Spring Tap Chamber	5	10
44	Tebe	25.22644	90.59905	Dabit Songgital, South Garo Hills	Community	Spring Tap Chamber	20	40
45	Upper Kona Gittim Spring	25.19662	90.63473	Upper Kona Gittim	Community	Spring Tap Chamber	0.5	1
46	Waa	25.22355	90.62184	Gonganaggre, South Garo Hills	Community	Check dam	2	4
47	Wage Spring	25.22135	90.62071	Gongganagar, South Garo Hills	Community	Check dam	0.49	1
48	Wagesik Spring	25.19049	90.64732	Wagesik, South Garo Hills	Community	Spring Tap Chamber	0.9	2
49	Wajra	25.22547	90.60201	Dabit Songgital, South Garo Hills	Community	Check dam	12	24

Springmap Of Rongra



Lean Season Data

Peak Season Data

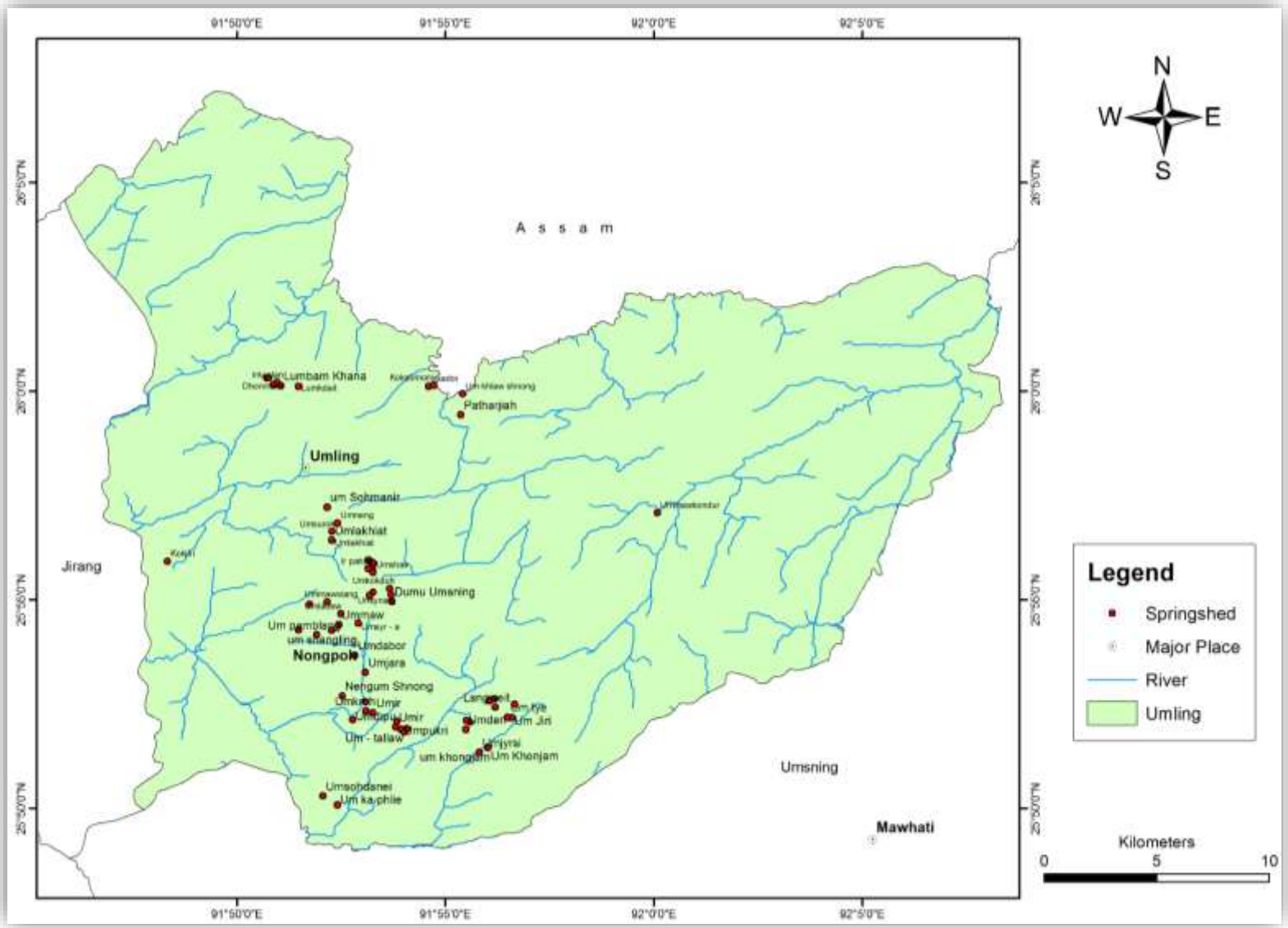
RONGRA C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Ampanggre	25.23044	90.6955	Mite Akol	Private	Spring Tap Chamber	0.33	1
2	Ampanggre	25.23247	90.69517	Pokolgrim	Private	Spring Tap Chamber	0.8	2
3	Bandarigre	25.38883	90.82436	Bandarigre	Community	Open Dug Out	0.5	1
4	Dagal Wagebok A	25.32474	90.69517	Dagal Wagebok	Private	Open Dug Out	0.6	1
5	Dambuk Ading	25.19569	90.72491	Dambuk Ading	Private	Open Dug Out	0.46	1
6	Goabari	25.20305	90.76039	Goabari	Private	Spring Tap Chamber	0.16	3
7	Panda Bolsilgre	25.18389	90.71181	Bolsilgre	Private	Spring Tap Chamber	0.26	1
8	Rongara Potchismile	25.20214	90.78339	Potchismile	Private	Spring Tap Chamber	0.5	1
9	Wagekona	25.19481	90.71736	Wagekona	Private	Spring Tap Chamber	0.32	1
10	Wagekona	25.19539	90.729	Wagekona	Private	Spring Tap Chamber	0.44	1
11	Akot Bisik	25.19576	90.72494	Dambukn A'dinggre	Community	Open Dug Out	0.85	2
12	Akot Spring	25.19465	90.72469	Dambukn A'dinggre	Community	Open Dug Out	0.83	2
13	Angke Spring	25.19264	90.73098	Dambukn A'dinggre	Community	Check dam	0.76	2
14	Borua Spring	25.21965	90.72289	Dambukn A'dinggre	Community	Check dam	0.16	4
15	Chigitchak	25.19691	90.72108	Dambukn A'dinggre	Community	Open Dug Out	0.8	2

RONGRA C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
16	Chigitchak	25.19719	90.72147	Chigitchak	Community	RCC	0.85	2
17	Chram	25.23228	90.69025	Ampanggre	Community	Check dam	0.35	1
18	Gajipur Spring	25.18656	90.72816	Horipur, South Garo Hills	Community	Check dam	2.63	5
19	Galdisora Bipek	25.19493	90.72312	Dambukn A'dinggre	Community	Open Dug Out	0.73	1
20	Horipur Spring	25.17416	90.7236	Horipur, South Garo Hills	Community	Open Dug Out	0.33	1
21	Kiwek Spring	25.17649	90.72459	Horipur, South Garo Hills	Community	Check dam	0.47	1
22	Mabilkol Chipek	25.19385	90.85655	Dilsinggre, South Garo Hills	Community	Check dam	2.63	5
23	Mite Akol	25.2293	90.69569	Ampanggre	Community	Open Dug Out	0.025	5
24	Mite Bipek Spring	25.22972	90.6954	Ampanggre	Community	Check dam	0.676	1
25	Ochru Spring	25.22766	90.68882	Ampanggre	Community	Check dam	0.039	9
26	Rongari Bisik	25.22709	90.6896	Ampanggre	Community	Open Dug Out	0.96	2

Springmap Of Umling



Lean Season Data

Peak Season Data

UMLING C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Dhonmara	26.00526	91.84517	Niangbari Lum	Community	Open Spring	4	8
2	Dumu Umsning	25.91599	91.89513	Nongkhrah	Community	Open CC Check Dam	60	70
3	Innasannan	26.00269	91.84766	Niangbari Lum	Community	Open Spring	2	4
4	Ir Paham	25.92901	91.88744	Nongkrah	Private	Open Spring	2	4
5	Ir Umpaham	25.92919	91.88563	Nongkrah	Community	Water tank and pipe	2	4
6	Irkastan	26.0035	91.84929	Niangbari Lum	Community	Pipe line	3	6
7	Kokjiri	25.93212	91.80544	Nongkrah	Private	Water tank and pipe	2	4
8	Kokjiri 1	25.93262	91.88564	Nongkrah	Community	Pipie lines	3	6
9	Kokjiri 2	25.93186	91.88676	Nongkrah	Community	Open Spring	2	4
10	Kokjiri 3	25.93137	91.8877	Nongkrah	Private	Pipe line	2	4
11	Langweit	25.87378	91.93645	Umkaduh	Community	Open Spring Chamber and washing platform	13.33	10
12	Lumbam Khana	26.0022	91.85074	Niangbarilum	Community	Open CC Check Dam	30	70

UMLING C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
13	Lumkdait	26.00197	91.85778	Niangbari Lum	Community	Open Spring	5	10
14	Nengum Shnong	25.87832	91.8753	Saiden	Community	100m (approx.) downstream - habitation	21.52	100
15	Nengum Shnong	25.87824	91.97585	Saiden	Community Owned	100m (approx.) downstream - habitation	8.5	17
16	Patharjiah	25.99064	91.92273	Sakoikuna	Community	Open CC Check Dam	100	60
17	Sartihlangdip	25.8771	91.93605	Umkyrpiang	Community	Direct use with G.I Pipe	7.45	10
18	Sohmanir	25.95269	91.86629	Shangbangla	Community Owned	Open CC Check Dam	6	12
19	Sohping Biragi	26.00539	91.84586	Niangbari Lum	Community	Water tank pipe line	3	6
20	Ummawkondur Rongman	25.935	91.01611	Rongmasek	Community	Spring tap chamber	5	10
21	Um Jiri	25.86961	91.94303	Umkaduh	Community	Open CC Tank	5.81	20
22	Um Jiri (No.2)	25.86992	91.94136	Umkaduh	Community	Open CC Tank	5.81	12
23	Um ka phlie	25.83487	91.87332	Jyntru	Community	RCC tap chamber	14	25
24	Um Khonjam	25.85772	91.93352	Rendhi	Community	Open Spring, Direct use with Bamboo Channel	16.66	6
25	Um Khonjam (No.7)	25.85772	91.92631	Rendhi	Community	Dug Out Pond.	2	10
26	Um Pamblang	25.90277	91.86507	Pahamsyiem	Community	Tapping Through Pipeline	7	400

UMLING C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
27	Um Rongmesek Langheh	25.87641	91.93402	Umkyrpiang	Community	Open CC Tank and washing platform	12.35	35
28	Um ryntluh (No.11)	25.86853	91.92494	Rendhi	Community	Direct use with Bamboo Channel	1.56	5
29	Um Shangling	25.90456	91.8577	Pahamsyiem	Community	Open CC Check Dam	250	200
30	Um Sohmanir	25.95375	91.86925	Shangbangla	Community	Open CC Check Dam	6	250
31	Um Tye	25.86984	91.9414	Umkaduh	Community	Open CC Tank	0.62	15
32	Umdabor	25.89458	91.88024	Mawdiangum	Private	Open CC Check Dam	250	200
33	Umden	25.86499	91.92473	Lumkya	Community	Direct use with Bamboo Channel	20	17
34	Umdipu	25.86875	91.87947	Mawtnum	Community	C.C spring chamber connect with pipe	13.3	45
35	Umir	25.8716	91.88766	Mawtnum	Community	C.C chamber cover with GI sheet	5	50
36	Umjyrsi	25.85574	91.93009	Rendhi	Community	Open Spring, Direct use with Bamboo Channel	10.87	7
37	Umkokduh	25.92122	91.89425	Nongkrah	Community	Open Spring	80	160
38	Umkokjirat	25.91881	91.89477	Nongkrah	Community	C.C check dam Work	4	8
39	Umkokmiro	25.91852	91.88616	Nongkrah	Community	C.C check dam Work	3	6
40	Umkroh	25.87234	91.88478	Mawtnum	Community	Open Spring	7.27	5

UMLING C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
41	Umkyndong	25.87608	91.8846	Mawtnum	Community	C.C check dam Work	8	20
42	Umlakhiat	25.94041	91.87115	Pahamrioh	Community	Water tank, footpath and Washing platform	8	120
43	Umlakhiat	25.94053	91.871	Pahamrioh	Community	Storage Tank	4	8
44	Ummawkondur	25.95139	92.00139	Rongmasek	Community	Open Spring	24	48
45	Umneng	25.94739	91.87336	Pahamrioh	Community	Water tank	10	20
46	Umpamblang	25.90277	91.86506	Pahamsyiem	Community	Tapping Through Pipeline	7	400
47	Umpomkhait (No.1)	25.94222	91.91347	Pahamshiken	Community	Dug Out Pond	2	9
48	Umshair	25.92756	91.88761	Nongkrah	Community	Washing platform	3	6
49	Umsohdanei	25.83836	91.86758	Erpakon	Community	Open CC Check Dam	30	40
50	Umsurok	25.94392	91.87117	Pahamrioh	Community	Spring Tap Chamber	12	24
51	Umtyllaw	25.87498	91.94419	Umkaduh	Community	Open Spring Chamber and washing platform	17.86	30
52	Umtyriaw	25.91969	91.88766	Nongkrah	Community	Dam	5	10
53	Wah Ryntlu	25.86847	91.92493	Lumkya	Community	Direct use with Bamboo Channel	15.15	5
54	Wah Um meirad	25.86786	91.92644	Lumkya	Community	Direct use with Bamboo Channel	10	5
55	Wah Ummirat (No.2)	25.86808	91.93353	Lumkya	Community	Direct use with Bamboo Channel	3	16

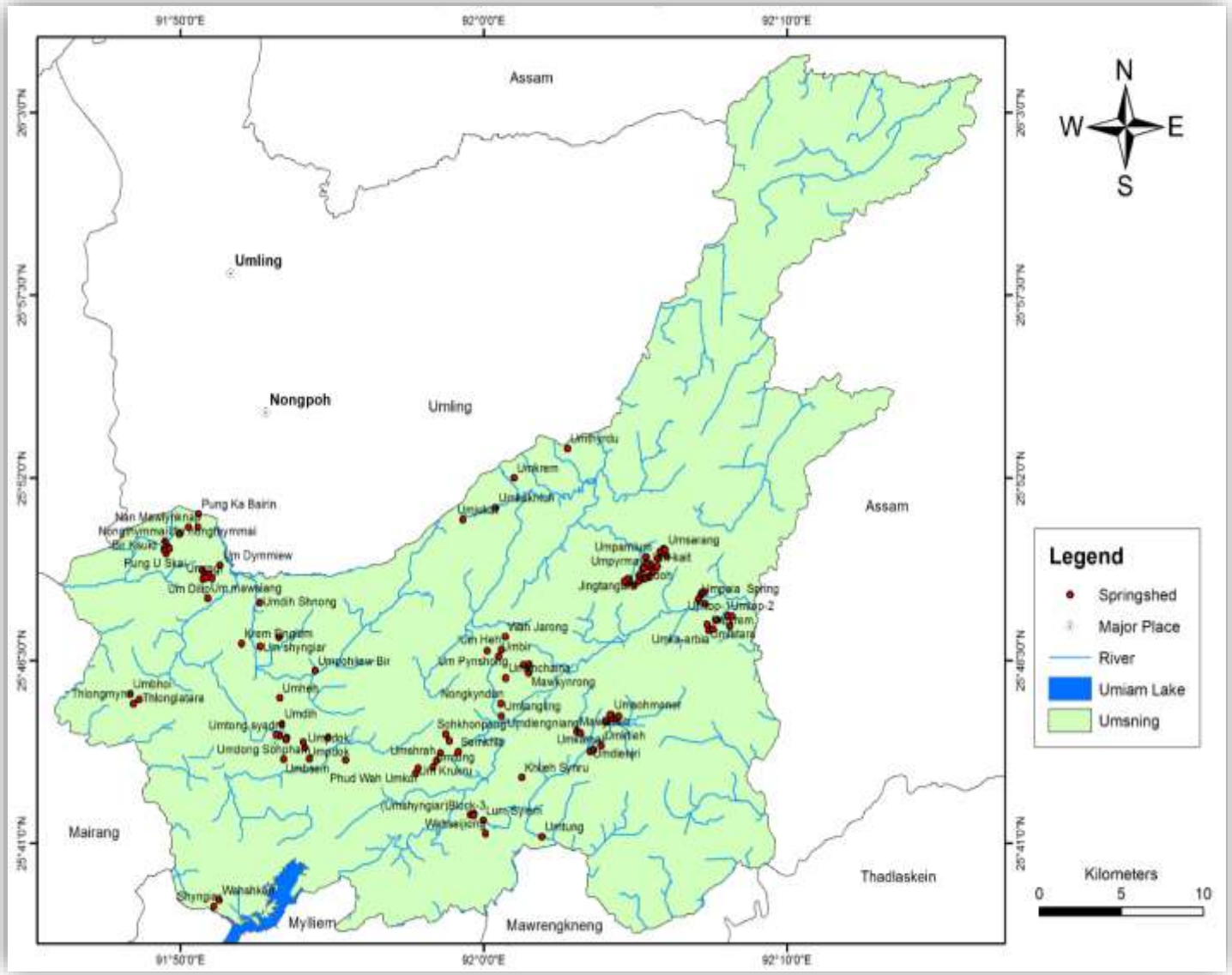
UMLING C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
56	Wahkhla (No.1)	25.86472	91.91794	Umsaw Noldhi	Community	Dug Out Pond	1.43	10
57	Ir Lyngkut	25.00029	91.9288	Shakoikuna	Community	Tapping Through Pipeline	5	10
58	Irsadoi	26.00203	91.90977	Shakoikuna	Community	Pipe line	3	6
59	Koksomon	26.00235	91.91174	Shakoikuna	Community	Pipe line	14	28
60	Patharjele	25.9935	91.91965	Sakoikuna	Community Owned	Tapping Through Pipeline	60	120
61	Um-maduhkal	25.86392	91.90012	Sohlait Thymmai	Community	Open Springs	75	150
62	Um-tallaw	25.86532	91.901	Sohlait Thymmai	Community	Dug out well	8.45	17
63	Um khlaw shnong	25.99893	91.92337	Shakoikuna	Community	Open Spring	21.45	43
64	Umir	25.86599	91.89673	Sohlait Thymmai	Community	RCC tank	75.1	50
65	Umjara	25.88771	91.88454	Umjarasi Nongthymmai	Private	Spring tap chamber	10.7	25
66	Umkhlaw Shnong	25.86825	91.89728	Sohlait Thymmai	Community	Open Spring	21.45	43
67	Umkrem U Jren	25.915	91.86222	Pahamsyiem	Community	Open Spring	2	4
68	Umladew	25.91111	91.87472	Pahamsyiem	Community	Open Spring	2	4
69	Umlumjingthang	25.90444	91.87111	Pahamsyiem	Community	Dam	12	24

UMLING C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
70	Ummaw	25.90682	91.87383	Mawkapiah	Community	Dam, Pipe Connection for Drinking	4.6	20
71	Ummawsiang	25.91583	91.86917	Pahamsyiem	Community	Dam	3	44
72	Umir	25.94568	91.74207	Old Tasku	Community	Dam, Pipe Connection for Drinking	75.1	50
73	Umpukri	25.865	91.89882	Sohlait Thymmai	Community	Open Spring connect with bamboo pipe	35.33	71
74	Umsyr - a	25.9075	91.88167	Pahamsyiem	Community	Dam	9	18

Springmap Of Umsning



Lean Season Data

Peak Season Data

UMSNING C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	(Umshyngiar) Block-3	25.69745	91.9943	Nonglakhiat	Private Owned	Dam and pipeline from Dam	30.77	150
2	Bir Ksuid 1	25.83194	91.82639	Umtasor Mawdkhar	Private	Open Spring	25	50
3	Bir Ksuid 2	25.8313	91.82691	Umtasor Mawdkhar	Private	Spring tap chamber	14	28
4	Jymmu	25.8498	91.96737	Mawrong	Community	Dam across the spring connected with a pipe to RCC Storage Tank	33	100
5	Ka Um Ridhon	25.82052	91.84488	Maweitnar	Private	Water tank	3	6
6	Khlieh Synru	25.71638	92.0209	Lumsohpieng	Community	C.C Checkdam connected with pipe	26	10
7	Khlieh Umbatong	25.74794	92.06942	Kdonghulu	Community	Dam	13	26
8	Krem Dngiem	25.78359	91.86681	Dewsaw	Community	CC dam to retain water	15	10
9	Lum Syiem	25.69484	91.99957	Nonglakhiat (Umroi)	Community	RCC Springtap chamber	4.39	40
10	Lumshnong	25.69818	91.99446	Nonglakhiat	Community	Bamboo pipe	14	28
11	Mawjalieh	25.73947	92.05118	Khweng (Bhoi Rymbong)	Community	Dam across the spring with pipe connection at the outlet.	15.63	20

UMSNING C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
12	Mawkhohruh	25.83874	91.8325	Umtasor Mawdkhar	Private	Dam	6	12
13	Nan Mawlynknap	25.84194	91.8375	Umtasor Mawdkhar	Private	Open Spring	1	2
14	Nan Lumsohphan 1	25.85361	91.84444	Umtasor Mawdkhar	Private	Open Spring	2	4
15	Nan Lumsohphan 2	25.86111	91.83861	Umtasor Mawdkhar	Private	Open Spring	2	4
16	Nongkyndun	25.75336	92.0093	Umtangling	Community	Open Spring	40	80
17	Nongthymmai	25.83494	91.82475	Umtasor Mawdkhar	Private	Spring tap chamber	1	2
18	Phud Wah Umkor	25.72102	91.96391	Umdohbyrthih	Community	Covered RCC structure	26.32	400
19	Pung Ka Bairin	25.84889	91.84361	Umtasor Mawdkhar	Private	Spring tap chamber	2	4
20	Pung ka Mar	25.85083	91.82417	Umtasor Mawdkhar	Private	Open Spring	1	2
21	Pung Kpa Ka Em	25.855	91.83528	Umtasor Mawdkhar	Community	Spring tap chamber	2	4
22	Pung Kong Magreth	25.84194	91.84278	Umtasor Mawdkhar	Private	Spring tap chamber	1	2
23	Pung Pa Ka Ril	25.83069	91.82411	Umtasor Mawdkhar	Private	Open Spring	1	2
24	Pung u Myllon	25.85583	91.83083	Umtasor Mawdkhar	Private	Spring tap chamber	13	26
25	Pung U Skai	25.82888	91.8253	Umtasor Mawdkhar	Private	Spring tap chamber	18	36

UMSNING C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
26	Pung Umbam Pdeng Shnong	25.78669	91.88727	Mawkhap	Community	RCC chamber	3.64	12
27	Um Dilip	25.81603	91.84558	Umtasor Nong jyrmi 3	Community	Storage tank	40	80
28	Um Dymmiew	25.82285	91.85483	Kynjoin Umran	Private	CC Tank	8	40
29	Umdymmu	25.99861	91.96736	Mawrong	Community	Dam	15	30
30	Um Krukru	25.71837	91.9625	Umdohbyrthih	Community	Proper Bathing and Washing RCC structure with G.I Pipe	3	80
31	Um Mawsiang	25.8064	91.84814	Nongmawlong,Mawtari	Community	direct connect with gi pipe	31	44
32	Um Nongthymmai	25.83493	91.82473	Umtasor,Mawdakhar	Community	Open CC pond	4	20
33	Umri – 1	25.8464	91.96585	Mawrong	Community	Open Spring	16	32
34	Umsaitwait	25.8423	91.96908	Mawrong	Community	Dam	26	52
35	Umshukat	25.84983	91.96737	Mawrong,mawtari	Community	R.C.C Chamber	33	100
36	Um Shyngiar	25.78216	91.87679	Umran Dairy	Community	Open C.C Pond	12.74	150
37	Um U Skhem	25.81661	91.84731	Umtasor Nong jyrmi 4	Community	Storage tank	1	2
38	Um Usailin	25.81902	91.84613	Maweitnar	Private	Water tank	5	10
39	Umtasor	25.85222	91.82722	Umtasor Mawdkhar	Community	Spring tap chamber	4	8

UMSNING C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
40	Umbam Pdengshnong	25.73632	91.8915	Syad Rit	Community	CC Rooftop	5	80
41	Umbatong 1	25.74582	92.07016	Kdonghulu	Community	Spring tap chamber, Dam	43	86
42	Umbatong 2	25.74707	92.07412	Liarkhla	Community	Storage Tank	16	32
43	Umdih	25.74324	91.88889	Lum Roman	Community	CC Rooftop	18.52	250
44	Umdih Shnong	25.80403	91.87666	Umsamlem	Community	Open CC Check dam	5	150
45	Umdkhar	25.69739	91.99432	Nonglakhiat	Private	Temporary weir	15	30
46	Umdong Sohphan	25.72554	91.88988	Umtrew	Community	RCC Tank	1.18	42
47	Umduhlan	25.7448	92.06686	Kdonghulu	Community	Washing Platform, pipe	8	16
48	Umheh	25.75618	91.88775	Nongthymmai	Community	RCC Tank	4	120
49	Umjukat	25.84569	91.98852	Mawrong	Community	Water tank	30	60
50	Umkakhluh	25.85163	92.0065	Mawlyngngai	Community	Open Spring	0.98	10
51	Umkhlaw Mawrong	26.85413	91.96833	Mawrong	Community	Open Spring	32	64
52	Umkrem	25.86657	92.01653	Umkei	Community	Dam and drawing pipeline	21.3	40
53	Ummawkondur Demmiew	25.8375	92.01333	Rongmasek	Community	Open Spring	12	24

UMSNING C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
54	Ummawsiang	25.80642	91.84813	Nongmawlong	Community	direct connect with gi pipe	31	62
55	Umnongthymmai	25.83481	91.82459	Umtasor	Community	Open CC pond	13	20
56	Umpdok	25.73122	91.90158	Syad Heh	Community	CC Rooftop	250	75
57	Umpohliew Bir	25.77006	91.90707	Bir	Community	Open dug out well	11	250
58	Umpongdeng	26.85413	91.96833	Mawrong	Community	Water tank and dam	30	60
59	Umrit	25.7168	92.02295	Lumsohpieng	Community	Springtap chamber	15	50
60	Umrngi	25.81628	91.85061	Umtasor Nong jyrmi 2	Community	Storage tank	2	4
61	Umsanap	25.74609	92.07278	Liarkhla	Community	Pipeline	8	16
62	Umshnong	25.77021	91.90707	Bir	Community	Temporary store water	1	3
63	Umshrah	25.72485	91.97405	Umroi (Labansaw)	Community	Springtap chamber	19.44	30
64	Umshrah	25.72508	91.92389	Labansaro	Community	Water Tank	12	24
65	UmshyngiarBlock-3	25.69737	91.99434	Nonglakhiat (Umroi)	Private	Dam and pipeline from Dam	30.77	35
66	Umsiej Masar	25.72872	91.97627	Labansaro	Community	Open Spring	112	224
67	Umsohmoner	25.74783	92.07008	Kdonghulu	Community	Dam	5	10

UMSNING C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
68	Umsyndam	25.74437	92.06707	Kdonghulu	Community	Dam	11	22
69	Umthyrdu	25.88137	92.04594	Nongsangu	Community	Washing station at outlet, direct used with pipe	62.5	125
70	Umtong	25.72161	91.97201	Umroi (Labansaw)	Community	RCC Tank	11.73	40
71	Umtung	25.68656	92.03186	Umtung (Bhoi Rymbong)	Community	RCC tap chamber	0.5	30
72	Wahseijiong	25.68824	92.001	Nonglakhiat (Umroi)	Community	Direct use with G.I Pipe	19.84	60
73	Wahsiejiong	25.69785	91.99248	Nonglakhiat	Private	Open Spring	32	64
74	It	25.65036	91.84638	Mawlyndep	Community	Water storage Tank	18	36
75	Jingtangum	25.81756	92.08521	Mawhati	Community	Spring tap chamber.	17.09	34
76	Khlieh Umshaneng	25.77305	92.02186	Mawkynrong	Community	Washing Platform	7	14
77	Mawkynrong	25.76888	92.02455	Mawkynrong	Community	Storage tank	6	12
78	Pdengshnong	25.82147	92.0878	Jatah	Community	Water tank	4	8
79	Pomlum	25.82697	92.08908	Jatah	Community	Water tank	9	18
80	Pung Khlieh shnong	25.82377	92.0898	Jatah	Community	pond	2	4
81	Semkhla	25.72919	91.98584	Syllei U Lar	Private	Spring tap chamber	15	30

UMSNING C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
82	Shyngiar	25.65171	91.85156	Mawlyndep	Community	Dam, GI pipe	4	8
83	Sohkhonpong	25.7382	91.979	Syllei U Lar	Community	Storage Tank	40	80
84	Tdoh Mawkynrong	25.77313	92.0248	Mawkynrong	Community	Open Spring	2	4
85	Them Maweitnar	25.82002	91.83936	Maweitnar	Private	Spring tap chamber	6	12
86	Thlonglatara	25.75556	91.81039	Lummynri	Community	Open Spring	1	2
87	Thlongmynri	25.75344	91.80714	Lummynri	Community	CC enclosure	7	14
88	Um-kait	25.82193	92.09104	Jatah	Private	Spring tap chamber.	4.73	9
89	Um-mei-kria-1 Spring,	25.81603	92.07982	Shilliang Umdoh	Private and community	Open Spring	13	26
90	Um-mei-kria -2 Springs,	25.81597	92.07952	Shilliang Umdoh	Private and community	Open Spring	33.7	67
91	Um-mei-kria -3 Springs	25.81603	92.07915	Shilliang Umdoh	Private and community	Open Spring	15.1	30
92	Um Dymmiew	25.82625	92.09563	Lumdiwar	Community	Spring tap chamber	3	40
93	Um Heh	25.78047	92.00961	Raitong	Community	Spring tap chamber	20	40
94	Um Pynshong	25.77988	92.0018	Raitong	Community	Water tank	6	12
95	Umshorshor	25.75346	91.60502	Umshorshor	Community	Nil	2	4

UMSNING C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
96	Um Wahshken	25.82236	92.09538	Lumdiwar	Community	Spring tap chamber	4	8
97	Umbam	25.73633	91.89158	Syad Rit	Community	Open Spring	12	24
98	Umbam 2	25.73402	91.90063	Syad Heh	Community	Water tank	2	4
99	Um bam Raitong	25.54555	92.00083	Raitong	Community	Storage tank	8	16
100	Umbam syadrit	25.73635	92.89151	Syadrit	Community	directly used with GI pipe	36	72
101	Umbhoi	25.75831	91.80549	Umshorshor	Private	Open Spring	5	10
102	Umbir	25.77702	92.00805	Raitong	Community	Storage tank and platform	12	24
103	Umbsein	25.72575	91.90405	Syad Heh	Community	Dam	5	10
104	Umchendem	25.7971	92.13644	Umtngam	Community	Open Spring	18.75	38
105	Umchengktad Spring	25.80807	92.11938	Mawrathud	Community	Open Spring	15.38	31
106	Umdemmiew	25.81833	91.84875	Umtasor Nong jyrmi 1	Community	Water tank	1	2
107	Umdieniang	25.73871	92.05282	Khweng (Bhoi Rymbong)	Community	Boulder Check	15	30
108	Umdienjri	25.72944	92.05838	Khweng	Community	Open Spring	4	8
109	Umdoh	25.81272	92.08253	Mawhati	Private	Open Spring	5	10

UMSNING C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
110	Umjngking Spring	25.80584	92.1181	Mawrathud	Community	Open Spring	53.33	107
111	Umka-arbia	25.79083	92.12592	Lummawtha	Community	Open Spring	4.13	8
112	Umkalucy	25.79545	92.12801	Umtngam	Private	Open Spring	3	6
113	Umkamal	25.73043	92.06048	Khweng	Community	Open Spring	5	10
114	Umkhlaw	25.73569	91.89113	Syad Rit	Community	Open Spring	19	38
115	Umkrem	25.79026	92.12362	Lummawtha	Community	Open Spring	25	40
116	Umktieh	25.73231	92.06466	Khweng	Community	Open Spring	6	12
117	Umlaphing Spring	25.80938	92.12135	Mawrathud	Private	Direct with pipe	7.14	14
118	Umlatara	25.79312	92.12292	Lummawtha	Community	Open Spring	5.662	11
119	Ummamir (Diengdoh)	25.81479	92.08519	Mawhati	Private	Open Spring	12	24
120	Ummathan	25.79231	92.13543	Umtngam	Community	Open Spring	4.08	8
121	Ummeirang	25.8295	92.09672	Lumdiwar	Community	Open Spring	9	18
122	Umpaia Spring	25.80606	92.11835	Mawrathud	Community	Open Spring	21.052	42
123	Umpamlum	25.82703	92.08931	Jatah	Community	Spring tap chamber	34.7	69

UMSNING C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
124	Um Pdengshnong	25.62636	92.09725	Lumdiwar	Community	Spring tap chamber	5	10
125	Umphud wah umsiang	25.82103	92.08748	Jatah	Private	Spring tap chamber	4.73	9
126	Umpohliew	25.73797	91.88577	Syad Rit	Community	Storage tank	8	16
127	Umpohliew Madan phutbol	25.73249	92.89373	Syadrit	Private	RCC spring tap chamber	6	12
128	Umpohliew sumshynrang	25.73562	91.89106	Syadrit	Community	Open Spring	24.5	49
129	Umpung Spring	25.80351	92.12165	Birsik	Community	Open Spring	2.655	5
130	Umpung Spring,	25.81484	92.07725	Shilliangumdoh	Private	Spring tap chamber.	8.96	18
131	Umpung traishnong	25.82148	92.0876	Jatah	Community	Spring tap chamber.	4.73	9
132	Umpung traishnong-2	25.82095	92.08731	Jatah	Community	Spring tap chamber.	4.73	9
133	Umpylloid Spring,	25.81627	92.0888	Mawhati	Private	Spring tap chamber.	166.6	333
134	Umpyllun	25.73655	91.91447	Syad Heh	Community	Spring tap chamber	30	60
135	Umpynthor -Be	25.02109	92.08975	Jatah	Private	Open Spring	4.73	9
136	Umpyrdaw	25.81954	92.09271	Jatah	Community	Open Spring	7	14
137	Umpyrdaw-2 Spring	25.81689	92.09098	Mawhati	Private	Open Spring	175.83	352

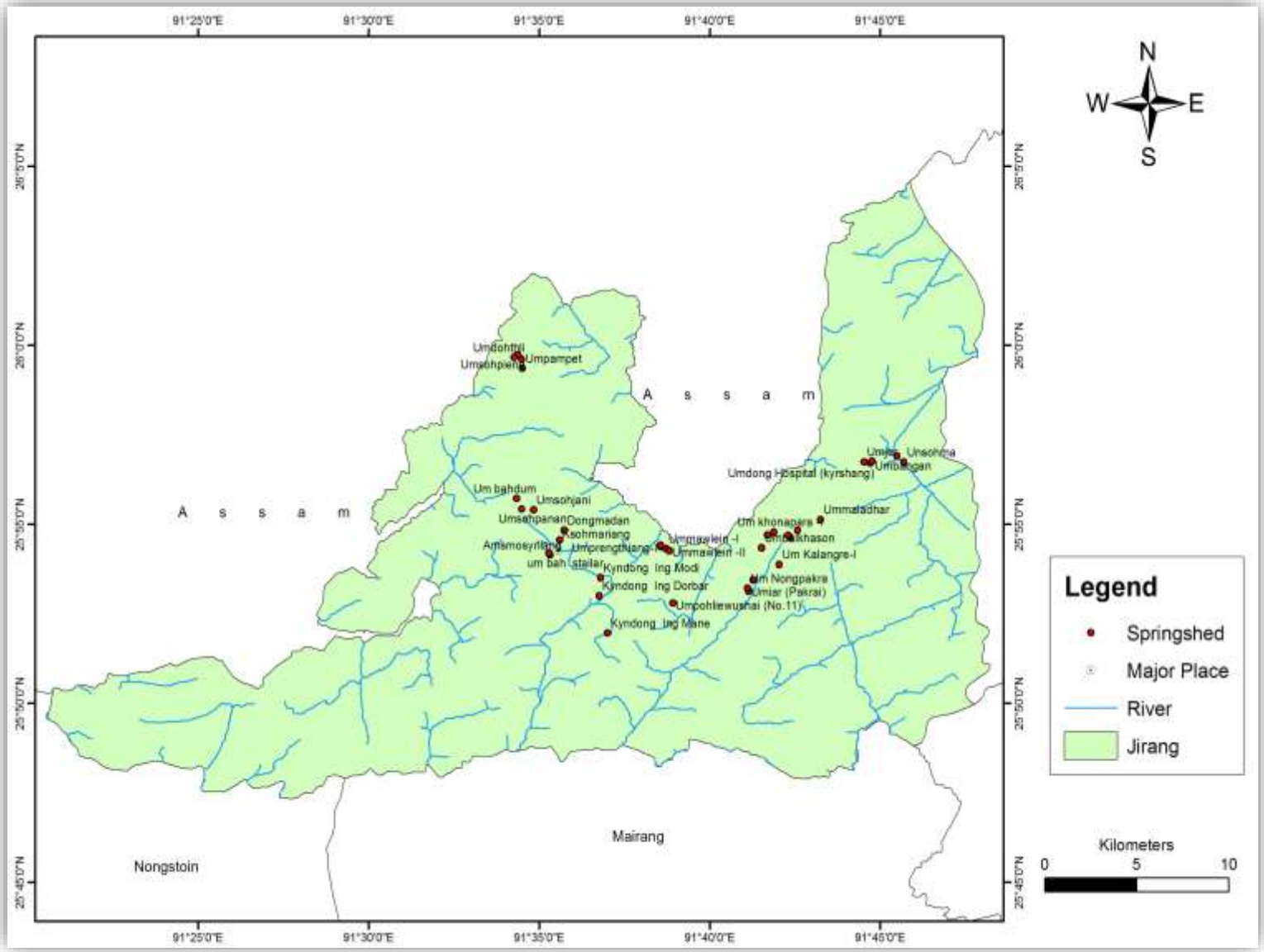
UMSNING C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
138	Umpyrdaw Spring	25.81612	92.08738	Mawhati	Private	Open Spring	4.739	9
139	Umpyrmaw	25.82319	92.09164	Jatah	Private	Spring tap chamber	4.73	9
140	Umsarang	25.83061	92.09966	Lumdiwar	Community	Spring tap chamber	3	6
141	Umshrah	25.77216	92.0243	Mawkynrong	Community	Open Spring	2	30
142	Umshyngiar	25.78205	91.87701	Umran Dairy	Community Owned	Spring tap chamber	5	15
143	Umsohniri Spring	25.80906	92.11992	Mawrathud	Private	Direct with pipe	5.26	11
144	Umtangkhneng	25.73474	91.98096	Syllei U Lar	Private	Canal	48	96
145	Umtangling	25.74718	92.00965	Umtangling	Private	Open Spring	23.01	46
146	Umthem Spring	25.81369	92.07833	Shilliangumdoh	Community	Spring tap chamber	31.74	63
147	Umtngam	25.19402	92.01305	Umtngam	Private	Spring tap chamber	10	20
148	Umtinchaina	25.76628	92.012	Umtangling	Private	Open Spring	1	2
149	Umtong syadrit	25.73753	91.88752	Syadrit	Community	CC chamber connect with GI pipe and washing platform	11.627	23
150	Umtop-1	25.79741	92.13403	Umtngam	Private	Open Spring	2.18	4
151	Umtop-2	25.7975	92.13429	Umtngam	Private	Open Spring	62.5	125

UMSNING C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
152	Umwahdenglieng	25.82738	92.10058	Lumdiwar	Community	Spring tap chamber	9	18
153	Wah Jarong	25.78694	92.01168	Raitong	Community	Water tank	12	24
154	Wah Parmaw	25.82347	92.09166	Jatah	Community	Water tank	8	16
155	Wah Pyrdew	25.81958	92.09302	Jatah	Community	Water tank	8	16
156	Wahshken	25.65482	91.85442	Mawlyndep	Community	Spring tap chamber	5	10
157	Wahumsarang	25.83113	92.0988	Lumdiwar	Community	Spring tap chamber	10	20

Springmap Of Jirang



Lean Season Data

Peak Season Data

JIRANG C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
1	Amsmojyllang	25.90478	91.5926	Nonglum	Community Owned	Open CC Check dam	3.52	20
2	Dongmadan	25.91225	91.59438	Wahsynon	Community Owned	Open Spring with bamboo	20	10
3	Ksohmariang	25.9107	91.5906	Wahsynon	Community Owned	Open CC tank	10	40
4	Kyndong Ing Dorbar	25.88345	91.61254	Patharkhmah	Community	Spring Tap Chamber	15	30
5	Kyndong Ing Kiron	25.68319	91.61662	Patharkhmah	Community	Spring Tap Chamber	9	18
6	Kyndong Ing Mane	25.86603	91.61668	Patharkhmah	Community	Washing Platform, storage tank	15	30
7	Kyndong Ing Modi	25.89181	91.61322	Patharkhmah	Private	Washing platform	20	40
10	Um Bah Stailar	25.90325	91.58787	Nonglum	Community	Open Spring	10	20
11	Um Bahdum	25.92868	91.57213	Iewsohksang	Community	Open Spring direct used with bamboo pipe	1.89	10
12	Um Diengblei	25.94857	91.75802	Umsohma lailad	Community	Open Well used with bamboo channel	1.54	4
13	Um Kalangre-I	25.897833	91.70078	Nongladew	Community	Direct use with plastic Pipe	34.89	25
14	Um Kalangre-II	25.898611	91.70167	Nongladew	Community	Dug Out Pond.	27.77	10

JIRANG C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
15	Um Khonapara-I	25.91317	91.69797	Nongladew	Community	Direct use with Bamboo Channel	6.66	25
16	Um Khonapara-II	25.91176	91.69482	Nongladew	Community	Direct use with Bamboo Channel	125	5
17	Um Nongladhar-I	25.91397	91.70949	Jalithem	Community	Dug Out Pond	2.24	15
18	Um Nongladhar-II	25.91071	91.70572	Jalithem	Community	Dug Out Pond	12.00	10
19	Um Nongladhar-III	25.91154	91.70487	Jalithem	Trip Ripnar	Dug Out Pond	7.14	15
20	Um Nongpakra	25.88689	91.68502	Umsong	Community	Direct use with Bamboo Channel	6.02	22
21	Um Nongpakra (No.4)	25.885778	91.68553	Umsong	Community	Direct use with Bamboo Channel	2.56	10
22	Umbalkhason	25.90576	91.69192	Nongladew	Community	Direct use with Bamboo Channel	38.46	15
23	Umbangan	25.94597	91.74587	Old Tasko	Community	Direct use with Bamboo Channel	21.74	10
24	Umdiengblei (No.2)	25.948833	91.74571	Umsohma	Community	Open Well used with bamboo channel	7	4
25	Umdohthli	25.99446	91.5709	Nongrim Jirang	Community	CC enclosure	22	44
26	Umdong Hospital (Kyrshang)	25.94515	91.74509	Old Tasko	Community	Direct use with G.I Pipe	20	20
27	Umiar (Pakrai)	25.88566	91.68553	Umsong	Community	Direct use with Bamboo Channel	7.69	10
28	Umjer	25.94575	91.742	Old Tasku	Community	Open Spring direct connected with pipe	40	20

JIRANG C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
29	Umkhonapara-I	25.91175	91.69481	Nongladew	Community	Direct use with Bamboo Channel	6.66	25
30	Umkhonapara-II	25.912139	91.69828	Nongladew	Community	Direct use with Bamboo Channel	125	5
31	Ummaladhar	25.91896	91.72081	Jalilum	Community	Direct use with G.I Pipe	20	10
32	Ummaladhar (No.7)	25.918972	91.70947	Jalium	Community	Direct use with G.I Pipe	5	8
33	Ummawlein -I	25.90546	91.64512	Nongwah Mawlein	Community	Open Spring, direct used with plastic pipe	11.9	30
34	Ummawlein -II	25.90443	91.6467	Nongwah Mawlein	Community	Open Spring, direct used with plastic pipe	16.66	20
35	Ummawlein -III (nongwah mawlein)	25.90448	91.64673	Nongwah Mawlein	Community	Open CC Check dam	1.78	25
36	Umpampet	25.98939	91.57497	Nongrim Jirang	Community	Open CC Check dam	12	24
37	Umpohdum	25.9288	91.57213	Iewsohksang	Community Owned	Earth filled structure to retain water	11	6
38	Umpohliew Nongiew	25.89078	91.68786	Umsong	Community	Dug Out Pond	2.17	10
39	Umpohliewushai (No.11)	25.87993	91.64849	Sohkyrbamrim	Community	Covered RCC tank	12	10
40	Umprengthiang-I	25.906917	91.64242	Pahamryngkang	Community	Open CC Tank	5.55	10
41	Umprengthiang-II	25.90695	91.64245	Pahamryngkang	Community	Direct use with plastic G.I Pipe	5	10
42	Umshyngiar Naladhar Pompyrthat (No.1)	25.873667	91.67219	Nongbyrthem	Community	Direct use with G.I Pipe	12	24

JIRANG C & RD BLOCK

Sl. No.	Spring Name	Latitude (°N)	Longitude (°E)	Village	Ownership	Infrastructure	Discharge (litres/min)	No. of Households depending on Spring
44	Umsohjani	25.92345	91.58049	Umsohpanan	Community	Open CC Checkdam	333.33	450
45	Umsohjinas	25.91945	91.57513	Umsohpanan	Community Owned	Washing Platform	6	9
46	Umsohkaiper	25.99356	91.57465	Nongrim Jirang	Community	Water Tank	9	18
47	Umsohma	25.94568	91.76155	Umsohma lailad rim	Community	Covered RCC Tank	7.27	5
48	Umsohpanan	25.92383	91.57474	Umsohpanan	Community	Open CC Checkdam	31.74	20
49	Umtatubari	25.4837	91.57249	Nongrim Jirang	Community	Open CC Checkdam	3	6
50	Umsohpieng	25.99572	91.57268	Nongrim Jirang	Community	Open CC Checkdam	7	14
51	Umthomas Rani (No.12)	25.873056	91.64606	Sohkyrbamrim	Private	Dug Out Pond	2.5	5
52	Kyrshang (No.4)	25.918972	91.72072	Old Tasko	Community	Covered RCC Tank	12	24
53	Litdasaw	25.90942	91.5931	Wahsynon	Community Owned	Spring tap chamber	2.3	5
54	Umshyrti (No.3)	25.945889	91.74583	Lai Ladrim	Community	CC Check Dam use with G.I Pipe	0.6	1

Conclusion

Significantly large population in Meghalaya is heavily dependent on spring water and groundwater for their household and irrigation use with an approximately 6861 number of villages dependent on these sources. That is why the Springs Initiative represents a great opportunity for contributing to water security efforts. The individual efforts of partners working in different districts demonstrate locally proven models for various typologies, and as a whole, the combined experiences of the partners provide a broad dataset and case for State level efforts including a participatory and scientific approach to springshed management.