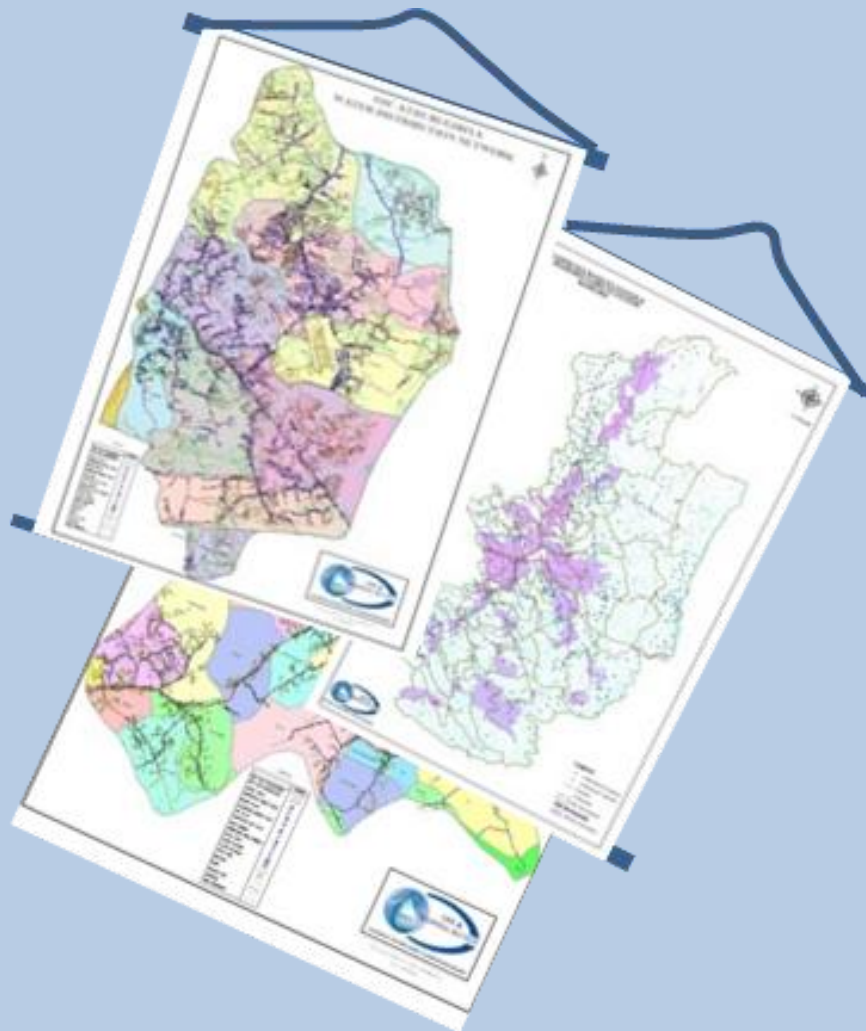


AVAILABLE GEO-SPATIAL DATA AT GIS & MAPPING SECTION



Introduction

The main objective of GIS & Mapping Section of NWS&DB is to serve as the main agency in surveying, mapping and in geo-spatial activities and having a particular responsibility within the organization. A few major contributions from this section are surveys and mapping of water distribution network, digitization of as-built drawings and analogue drawings using latest techniques, upgrading same to a higher level of accuracy and also taking initiatives towards building up of Geographic Information System (GIS) and Spatial Data Infrastructure (SDI) for NWS&DB.

This manual provides details regarding available Geo-Spatial Data at GIS & Mapping Section. Section (1) of this manual contains information about available maps of Water, Sewer and Storm utilities. It also describes availability of relevant Base-maps.

Section (2) of this manual describes availability of Base-maps obtained from the Survey Department of Sri Lanka. We have also included details of Base-maps (prepared for SIIRM Project) obtained from the Urban Development Authority (UDA) and some Base-maps prepared by GIS & Mapping Section itself.

Part II of this manual contains availability of Sri Lanka maps collected from different sources and processed by GIS & Mapping Section which carries different thematic details including Sri Lanka Administration Boundary Maps classified under different categories.

Contact Details:

GIS & Mapping Section
National Water Supply & Drainage Board
Thelawala Road
Rathmalana
Tel : +94 11 2636770
Fax : +94 11 2624727
E-mail : cemapping@waterboard.lk

Content

PART I

1. Utility Data

1.1. Water Utility	-	page	3
1.1.1. Western Region			
1.1.2. North & Central Region			
1.1.3. Southern & East Region			
1.2. Sewer Utility	-	page	11
1.3. Storm Water Utility	-	page	11

2. Base Maps

2.1. Survey Department	-	page	12
2.1.1. SCALE - 1:50,000			
2.1.2. SCALE - 1:10,000			
2.1.3. SCALE - 1:5,000			
2.1.4. SCALE - 1:2,000			
2.2. SIIRM Project	-	page	17
2.3. WAM Project	-	page	17
2.4. GIS & Mapping	-	page	18

PART II

3. Maps Prepared by GIS & Mapping Section	-	page	19
4. Others	-	page	38
5. Annexures	-	page	39

1.0 Utility Data

1.1 Water Utility

Available maps in ArcGIS and AutoCAD formats including Water Utility Data.

1.1.1. Western Region

RSC Western South

Manager/Area Engineer	Water Supply Scheme/ OIC Area	Availability	
		Water Utility	Base Maps
Dehiwala	Dehiwala	√	√
	Moratuwa	√	√
Panadura	Panadura	√	√
	Bandaragama	√	√
	Horana	√	√
	Ingiriya	√	√
Kaluthara	Wadduwa/Waskaduwa	√	√
	Mathugama	√	√
	Kaluthara	√	√
	Beruwala	√	√
	Aluthgama	√	√
	Payagala	√	√

RSC Western Central

Manager/Area Engineer	Water Supply Scheme/ OIC Area	Availability	
		Water Utility	Base Maps
Colombo City North	Borella	√	√
	Maligawatta	√	√
	Kotahena	√	√
	Mattakkuliya	√	√
Colombo City South	Pamankada	√	√
	Thimbirigasyaya	√	√
	Hultsdrop	√	√
	Slave Island	√	√
Maharagama	Maharagama	√	√
	Pannipitiya	√	√
	Homagama	√	√
	Kesbawa	√	√
	Pelanwatta	√	√
	Avissawella	-	√
	Kosgama	√	√
Kotte	Kotte	√	√
	Kolonnawa	√	√
	Battaramulla	√	√
	Kaduwela	√	√

RSC Western North

Manager/Area Engineer	Water Supply Scheme/ OIC Area	Availability	
		Water Utility	Base Maps
Gampaha	Gampaha / Udugampola	√	√
	Yakkala / Rathupaswala	√	√
	Veyangoda / Nittambuwa / Kalagedihena	√	√
	Ranpokunugama / Urapola / Bataleeya	√	√
	Kirindivala / Pugoda	√	√
	Negombo	√	√
	Divulapitiya	√	√
	Minuwangoda	√	√
	Meerigama	√	√
	Raddolugama	√	√
Kelaniya	Kelaniya	√	√
	Wattala / Welisara	√	√
	Biyagama	√	√
	Mahara	√	√
	Ja-Ela / Ekala	√	√
	BEPZ	√	√
	Ragama	√	√

1.1.2. North & Central Region

Central Province

RSC Central

Manager/Area Engineer	Water Supply Scheme/ OIC Area	Availability	
		Water Utility	Base Maps
Kandy South	Daulagala	√	√
	Egodakalugamuwa	√	√
	Eeriyagama (Edanduwa)	√	√
	Kadugannawa	√	√
	Nawalapitiyaw.s.s	√	√
	Wellamboda	√	√
	Megodakalugamuwa	√	√
	Udu/Yatinuwara	√	√
	Gampola	√	√
Kandy North	Harrispattuwa	√	√
	Poojapitiya	√	√
	Akurana	√	√
	Galagedara	√	√
	Pathadumbara (Polgolla)	√	√
	Kulugammana	√	√
	Matale	-	√
	Dambulla	√	√
	Udatenna	√	√
	Naula	√	√
Kandy East	Kundasale - Zone 01	-	√
	Kundasale - Zone 02	-	√
	Kundasale - Zone 03	-	√
	Kundasale - Zone 04	-	√
	Madadumbara	√	√
	Marassana	√	√
	Haragama	√	√
	Manikhinna	-	√
	Hanthana	√	√
	Ampitiya	√	√
	Ragala	√	√
	Walapane	√	√
	Hatton / Dikoya	√	√
	Maskeliya / Sripada	√	√
	Ginigathhena	√	√
	Kotagala	√	√
	Thennekumbura	√	√
Rikillagaskada / Hanguranketha	√	√	

North Central Province

RSC North Central

Manager/Area Engineer	Water Supply Scheme/ OIC Area	Availability	
		Water Utility	Base Maps
Anuradhapura	Nachchaduwa	-	-
	Sacred city	-	-
	Oyamaduwa / Thantirimalaya	-	-
	Mihintale / Kahatagasdigiya/ Horowpathana	-	-
	Medawachchiya	-	-
	Kebilithigollawa / Padaviya	-	-
	Eppawala / Thambuttegama	-	-
	Kekirawa / Maradankadawala / Habarana	-	-
	Kala wewa	-	-
	Galnewa / Bulnewa	-	-
	A'Pura North	-	-
	A'Pura South	-	-
	A'Pura East	-	-
	A'Pura New Town	√	√
Polonnaruwa	Polonnaruwa	√	√
	Medirigiriya	-	-
	Minneriya	-	-
	Bakamoona	-	-
	Sewagama	√	√
	Dimbulagala	-	-
	Manampitiya	-	-
	Gallella	√	√
	Bediwewa	√	√

North Western Province

RSC North Western

Manager/Area Engineer	Water Supply Scheme/ OIC Area	Availability	
		Water Utility	Base Maps
Kurunegala	Dodangaslanda / Rambadagalla/ Ogodapola / Gokerella / Buluwala	-	-
	Nikaweratiya	√	√
	Maho	-	-
	Hettipola	-	-
	Wariyapola	√	√
	Allawwa / Polgahawela	√	√
	Narammala / Dambadeniya	-	-
	Pannala / Giriulla	-	-
	Mawathagama	-	-
	Kurunegala	-	-
Puttalam	Puttalam	-	√
	Chillaw	-	√
	Dankotuwa	-	-
	Kakapalliya	-	-
	Wennappuwa / Naththandiya	-	-
	Anamaduwa / Samurdigama	-	-
	Andigama	-	-

Northern Province

RSC Northern

Manager/Area Engineer	Water Supply Scheme/ OIC Area	Availability	
		Water Utility	Base Maps
Vavuniya	Vavuniya	-	-
	Adampan	-	-
	Mannar	-	√
Jaffna	Jaffna	-	√
	Point Pedro	√	√
	Nedunkerney / Oddusudan	√	√
	Mallavi/Thunkkai	√	√

1.1.3. Southern & East Region

Sabaragamuwa Province

RSC Sabaragamuwa

Manager/Area Engineer	Water Supply Scheme/ OIC Area	Availability	
		Water Utility	Base Maps
Rathnapura	Rathnapura	√	√
	Nivithigala	-	-
	Ehaliyagoda	√	√
	Kiriella	-	-
	Udawalawa	-	-
	Embilipitiya	-	-
	Balangoda	-	-
	Pelmadulla / Kahawatta	-	-
	Godakawela	-	-
Kegalle	Kegalle	√	√
	Ruwanwella	√	√
	Aranayaka	-	-
	Dehiowita	√	√
	Godagaldeniya	-	-
	Warakapola	-	-
	Kannanthota	-	-
	Bulathkohupitiya	-	-
	Yatiantota	-	-
	Mawanella	√	√
	Rambukkana	√	√

Uva Province

RSC Uva

Manager/Area Engineer	Water Supply Scheme/ OIC Area	Availability	
		Water Utility	Base Maps
Bandarawela	Badulla	-	-
	Haliela	-	-
	Welimada / Boralanta / Divitotawela	-	-
	Keppetipola / Bogahakumbura/ Madovita / Silmiyapura	-	-
	Mahiyanganaya	√	√
	Ambagasdoowa / Medawela/ Lunuwatta	-	-
	Diyathalawa / Bandarawela	√	√
Monaragala	Siyambalanduwa	-	-
	Monaragala	-	-
	Buttala / Okkampitiya	-	-
	Thanamalwilla / Sewanagala	-	-
	Badalkumbura	-	-
	Wellawaya	-	-
	Madagama/Bibila	-	-

Southern Province
RSC Southern

Manager/Area Engineer	Water Supply Scheme/ OIC Area	Availability	
		Water Utility	Base Maps
Matara	Matara / Mirissa	√	√
	Thihagoda	√	√
	Dikwella / Kudawella / Radampala	√	√
	Malimbada	√	√
	Devinuwara / Gandara / Kottegoda	√	√
	Karagoda / Uyangoda / Makandura	√	√
	Nadugala	-	√
	Akurassa / Pitabedda	√	√
	Hakmana	-	√
	Hallala	-	√
	Weligama	√	√
	Deniyaya / Urubokka	√	√
	Galle	Akmeemana	√
Bope/Poddala		√	√
Hapugala		-	√
Ahangama		√	√
Galle		√	√
Habaraduwa / Halloluwegoda		√	√
Hikkaduwa		√	√
Udugama		-	√
Balapitiya		√	√
Ambalangoda		√	√
Baddegama / Batapola		√	√
Elpitiya / Pitigala		-	√
Hambanthota		Aambalantota	-
	Ridiyagama	-	√
	Tissamaharama	√	√
	Kataragama	-	√
	Ruhunupura	-	√
	Bundala	-	√
	Lunugamvehera	-	√
	Kirindioya	-	√
	Batagiriya	-	√
	Hambantota	-	√
	Suriyawawa	-	√
	Angunakolapellassa	√	√
	Ranna	√	√
	Kirama	√	√
	Katuwana	√	√
	Tangalle	√	√
	Hungama	-	√
	Belliatta	-	√
	Walasmulla	√	√
Muruthuwala	-	√	
Wakamulla	√	√	

Eastern Province

RSC East

Manager/Area Engineer	Water Supply Scheme/ OIC Area	Availability	
		Water Utility	Base Maps
Trinco	Palaiyoothu	-	√
	Kinniya	-	√
	Eechchalampaththu	-	√
	Pulmudai	-	√
	Thampalagamam	-	√
	Kantale	-	√
	Mutur	-	√
	Andamkulam	-	√
	Trinco town	√	√
Akkareipaththu	Ninthavur	-	√
	Sainthamaruthu	-	√
	Kalmunai	-	√
	Akkaraipattu	-	√
	Addalaicheanai	-	√
	Oluvil & Palamunai	-	√
	Karaitivu	-	√
	Irakkamam	-	√
	Maruthamunai	-	√
	Thirukkovil	-	√
	Pottuvil	-	√
Baticolo	Baticoloa	-	√
	Kalawanchikudi	-	√
	Kallar	-	√
	Kaththankudy	-	√
	Irruthayapuram	-	√
	Arayampathy	-	√
	Vavunathivu	-	√
	Chenkalady	-	√
	Kallady	-	√
	Eravur	-	√
Ampara	Ampara	-	√
	Samanthurai	-	√
	Uhana / Inginiyagala	-	√
	Hingurana	-	√
	Damana	-	√
	Kondawattuwana	-	√
	Dehiattakandiya	-	√
	Padiyathalawa	-	√
	Paragahakele	-	√
	Mahaoya / Dehiattakandiya	-	√

1.2. Sewer utility

1.2.1. Western Province (Maps Attached)

Colombo City

Dehiwala / Mt.Lavinia

Kolonnawa

1.3. Strom Water Utility




























































































1.3.1. Western Province (Maps Attached)

Colombo City Area

2.0 Base Maps

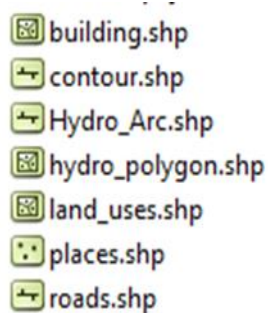
2.1. Survey Department Data

2.1.1. 1: 50,000 Scale Base Maps of Sri Lanka (Arc info) – (Map Attached – Annex 01)

 01	 24	 48	 72
 02	 25	 49	 73
 03	 26	 50	 74
 04	 27	 51	 75
 05	 28	 52	 76
 06	 29	 53	 77
 07	 30	 54	 78
 08	 31	 55	 79
 09	 32	 56	 80
 10	 33	 57	 81
 11	 34	 58	 82
 11a	 35	 59	 83
 12	 36	 60	 84
 13	 37	 61	 85
 14	 38	 62	 86
 15	 39	 63	 87
 16	 40	 64	 88
 17	 41	 65	 89
 18	 42	 66	 90
 19	 43	 67	 91
 20	 44	 68	 92
 21	 45	 69	
 22	 46	 70	
 23	 47	 71	

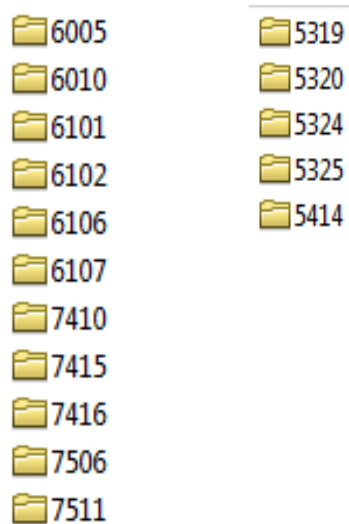
2.1.2. 1: 10,000 Scale Base Maps

Themes of Shape Files



Above mentioned shape files are available for following provinces.

1. Western Province – Complete GIS data available for this Province
(Map Attached – Annex 02)
2. Sabaragamuwa Province – Following Tiles are available, (Map Attached – Annex 03)



3 Central Province - Following Tiles are available, (Map Attached – Annex 04)

Kandy District

- | | | |
|-------|-------|-------|
| 4921 | 54_22 | 6102 |
| 4922 | 54_23 | 6103 |
| 4923 | 54_24 | 6104 |
| 5405 | 54_25 | 6107 |
| 5410 | 5501 | 6108 |
| 54_03 | 5502 | 6109 |
| 54_04 | 5503 | 6111 |
| 54_05 | 5506 | 6112 |
| 54_06 | 5507 | 6113 |
| 54_07 | 5508 | 6116 |
| 54_08 | 5511 | 6117 |
| 54_09 | 5512 | 6118 |
| 54_10 | 5513 | 6123 |
| 54_11 | 5516 | 61_01 |
| 54_12 | 5517 | 61_02 |
| 54_13 | 5518 | 61_03 |
| 54_14 | 5519 | 61_04 |
| 54_15 | 5521 | 61_07 |
| 54_16 | 5522 | 61_08 |
| 54_17 | 5523 | 61_16 |
| 54_18 | 5524 | 61_17 |
| 54_19 | 61 | 61_18 |
| 54_20 | 61-05 | 61_22 |
| 54_21 | 61-5A | |

Matale District








































- 3615
- 3620
- 3625
- 4207
- 4212
- 4220
- 4222
- 4225
- 4322
- 4323
- 4802
- 4805
- 4810
- 4815

- 4901
- 4902
- 4903
- 4906
- 4907
- 4908
- 4911
- 4912
- 4913
- 4916
- 4917
- 4918
- 4920
- 4925

Nuwara Eliya District

- | | | |
|-------|-------|------|
| 61-10 | 61_25 | 6812 |
| 6105 | 6202 | 6814 |
| 6110 | 6203 | 6815 |
| 6114 | 6204 | 6817 |
| 6115 | 6207 | 6819 |
| 6119 | 6208 | 6820 |
| 6120 | 6213 | 6822 |
| 6121 | 6218 | 6823 |
| 6122 | 6221 | 6824 |
| 6124 | 6223 | 6825 |
| 6125 | 6803 | 6901 |
| 61_13 | 6804 | 6902 |
| 61_16 | 6805 | 6906 |
| 61_18 | 6806 | 6911 |
| 61_19 | 6808 | 6916 |
| 61_20 | 6809 | 6921 |
| 61_22 | 6810 | 7503 |
| 61_24 | 6811 | 7504 |

4. Northern Province - Following Tiles are available, (Map attached – Annex 05)

- | | |
|--|--|
|  0124 |  1509 |
|  0125 |  1510 |
|  0217 |  1513 |
|  0307 |  1514 |
|  0309 |  1515 |
|  1116 |  1520 |
|  1117 |  1524 |
|  1118 |  1525 |
|  1121 |  1601 |
|  1122 |  1606 |
|  1123 |  1616 |
|  1202 |  1621 |
|  1203 |  1904 |
|  1216 |  1905 |
|  1221 |  1909 |
|  1502 |  1910 |
|  1503 |  1914 |
|  1504 |  1915 |
|  1505 |  2001 |
|  1508 | |

2.1.3. 1: 5,000 Scale Base Maps

Town Maps - (Map attached – Annex 06)

Ambalangoda
Anuradhapura
Bandarawela
Chillaw
Galle
Kegalle
Kuliyapitiya
Kurunegala
Mathara
Polonnaruwa
Putlam
Rathnapura
Weligama
Hambanthota
Pothuwil
Ampara
Bataloa
Trincomalee

2.1.4. 1: 2,000 Scale Base Maps

Western Province

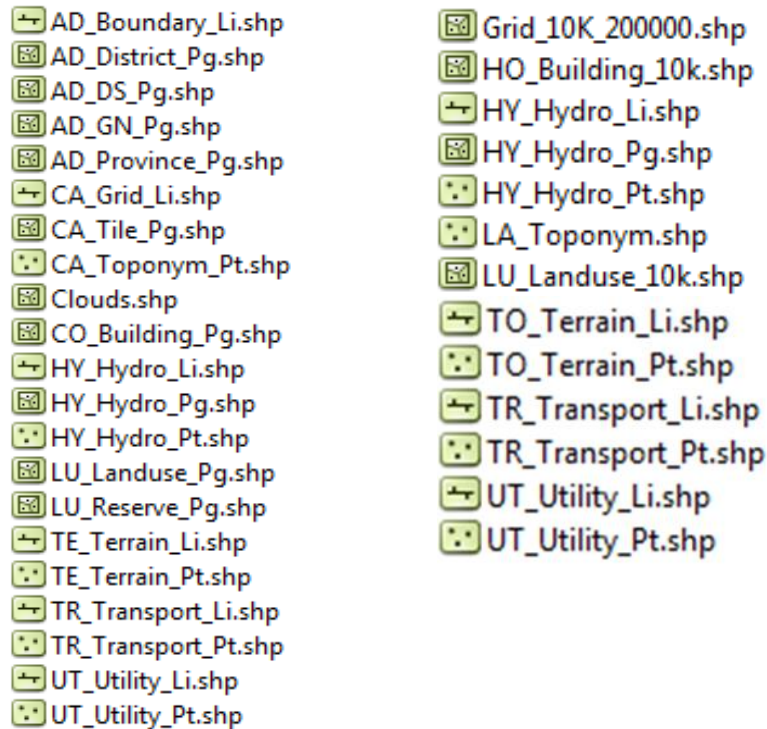
Colombo - 217 Tiles (Annex 07)
Gampaha - 40 Tiles (Annex 08)
Kaluthara - 27 Tiles (Annex 09)

2.2. SIIRM Project Data

Eastern Province– SIIRM Project

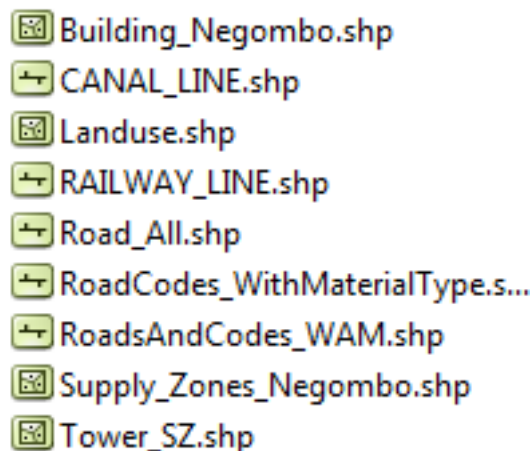
SIRRM Project Shape Files 1: 10,000 Scale -From Galle to Trincomalee Coastal belt of Sri Lanka – (Map attached – Annex 10)

2.2.1.Southern Province- SIRRM Project - Themes of Shape Files



2.3. WAM Project Data

WAM Project - Themes of Shape Files (Map attached – Annex 10)



2.4 Base maps prepared by GIS & Mapping section(Map attached – Annex 11)

2.4.1 RSC Western Central

Kosgama
Kesbawa

} Using Satellite Images

2.4.2 RSC Western North

Gampaha
Divulapitiya
Dompe
Kirindiwela
Malwana
Meerigama
Nitambuwa
Pugoda
Raddolugama
Udugampola
Urapola / Attanagalla
Dekatana / Weliweriya

} Using Satellite Images

2.4.3 RSC Sabaragamuwa

Ruwanwella
Dehiowita
Ehaliyagoda

} Using Satellite Images

2.4.4 RSC UVA

Diyathalawa
Bandarawela
Mahiyanganaya

} Using Satellite Images

2.4.5 RSC North Central

Sewagama
Gallella
Bandiwewa

} Using Satellite Images

2.4.6 RSC North Western

Nikaweratiya
Polgahawela
Alauwa

} Using Satellite Image

2.4.7 RSC Central

Polgolla , Nugawela ,Madewala
Madadumbara
Ragala

} Using Satellite Images

2.4.8 RSC North

Nadunkerny , Oddusudan , Kyts
Pandiyankulam , Valvetithurai , Mallavi
Vemparai, Velanai ,Nainathivu, Mandathivu
Karainagar , Kaithady , Araly
Annalithivu , Wathavawathai

} Using Satellite Images