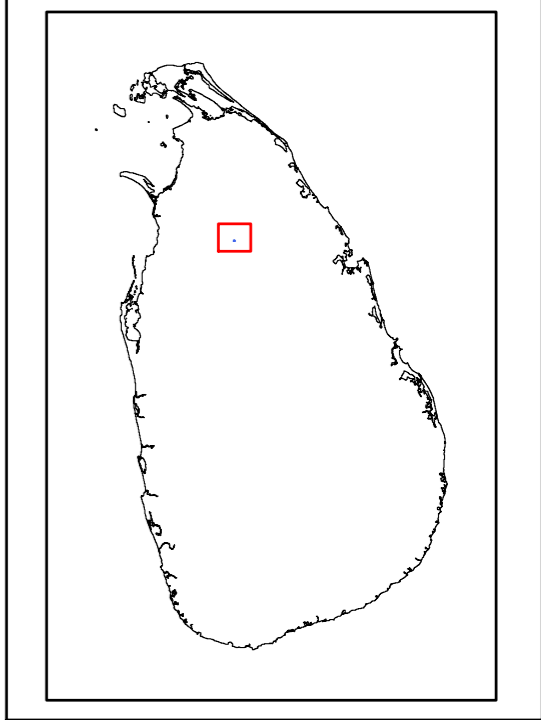


Legend

	Sluice		Main Canal	- MC
	Spill		Distributary Canal	- DC
	Anicut		Field Canal	- FC
	Siphon		Supply Canal	- SUPC
	Main Road		Spill Tail Canal	- SPTC
	Minor Road		Drainage Irrigable Area	
	Railway		Irrigable Area	
	Bund		Pooling Section	
	Grama Niladhari Division - GND		Tank	



Remarks

Irrigable Area layer compiled based on the data extracted from satellite images and through visual observations.

Area calculations were done using GIS techniques accordingly.

Title

KIDAWARANKULAM TANK

Padaviya Irrigation Division



Compiled By : K.M.M.Kulathunga (DO)

Checked By : Eng. T. Suganthalingam (IE)

Approved By : Eng. G. Mugunthan (DI)

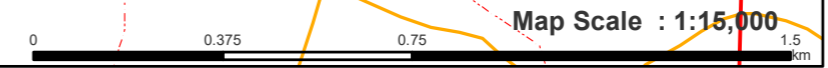
Date : 27.02.2024

Note

Prior approval should be obtained from Director General of Irrigation in case of converting this map or part of it to any other format and reproduced. This map has been generated through remotely sensed data and details of this map can be utilized for irrigation planning and management purposes only.

SCHEME DATA

Name of Scheme	- Kidawarankulam
Irrigation Division	- Padaviya
Irrigation Region	- Anuradhapura
Divisional Secretariat	- Medawachchiya
Type of Reservoir	- Medium
River Basin	- Malwathu Oya
Location Coordinate	- 164925 E
Location Coordinate	- 381355 N
Catchment Area (GIS)	- 7,270 Ac
Irrigable Area (GIS)	- 343 Ac
Water Spared Area (GIS) At FSL	- 233 Ac
Capacity At FSL	- 1135 Ac.ft
Live Storage	- 1135 Ac.ft
FSL	- 34.20 m MSL
HFL	- 34.89 m MSL
BTL	- 35.43 m MSL
Length of Bund (GIS)	- 1,179 m
Length of Main Canal (RB) (GIS)	- 1,443 m
Length of Main Canal (LB) (GIS)	- 1,123 m
Spill Length (LB)	- 18 m
Spill Length (CT)	- 36 m
Spill Length (RB)	- 24,300 m
Spill Crest Level (LB)	- 112.250 m MSL
Spill Crest Level (CT)	- 112.250 m MSL
Spill Crest Level (RB)	- 112.250 m MSL
Sluice Sill Level (RB)	- 99.25 m
Sluice Sill Level (LB)	- 99 m
Number of Sluices	- 2
Number of Spill	- 3



163,000

165,000

383,000

381,000

To Cheddikulam

To Periyakulama

Poonewa GND

To Ekirikanda

To Kalukunnammaduwa

To Eratperiakulam

To Punewa

Prabodhagama GND

Kidaramkulama GND

Anekattiya GND

Kidawarankulam Tank

Karagas Wewa

Baduwela Anicut

Maha Oya Anicut

Pooling Section