

Table:4.3.1

Monthly Rainfall in Kilinochchi District - 2001 - 2018

MONTH/ YEAR	Station No:01 - Irainimadhu In mm			Station No:02 - Akkarayan In mm			Station No:03 - Kariyalainagapaduwan In mm			D - No. of Days Rain		
	January (M.M.D)	February (M.M.D)	March (M.M.D)	April (M.M.D)	May (M.M.D)	June (M.M.D)	July (M.M.D)	August (M.M.D)	September (M.M.D)	October (M.M.D)	November (M.M.D)	December (M.M.D)
2001												
Station No:01	133.61 (7)	-	-	121.14(8)	18.8(1)	45.97 (2)	-	17.27(1)	19.05(2)	137.16(10)	93.22(7)	504.7(17)
Station No:02	248.3 (8)	5.1 (1)	-	333.8(15)	35.56(1)	61.7 (2)	19.0 (1)	29.0(1)	31.2(2)	211.4(9)	203.1(9)	785.5(15)
Station No:03	153.5 (5)	26.0 (2)	-	450.5(11)	47.4 (3)	127.1(3)	13.71(1)	24.0(1)	-	110.7(5)	200.4(8)	781.8(16)
2002												
Station No:01	6.24 (4)	78.99 (2)	17.1 (1)	46.46(4)	15.24(3)	5.34(2)	-	-	-	67.06(8)	170.13(13)	554.31(14)
Station No:02	131.4 (5)	152.2 (3)	-	158.9(10)	4.26(2)	14.5(2)	-	-	16.3(1)	115.8(7)	308.81(13)	554.31(14)
Station No:03	82.75 (5)	208.2 (3)	17.1 (1)	450.8(13)	-	-	-	-	-	68.92(9)	-	598.0(17)
												Cont

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Monthly Rainfall in Kilinochchi District - 2001 - 2018

MONTH/ YEAR	Station No:01 - Iranaimadhu In mm			Station No:02 - Akkarayan In mm			Station No:03 - Kariyalainagapaduvan In mm			D - No. of Days Rain		
	January (M.M.D)	February (M.M.D)	March (M.M.D)	April (M.M.D)	May (M.M.D)	June (M.M.D)	July (M.M.D)	August (M.M.D)	September (M.M.D)	October (M.M.D)	November (M.M.D)	December (M.M.D)
2003												
Station No:01	97.78 (5)	90.17 (2)	16.26 (1)	27.43(5)	24.38 (1)	-	98.03(3)	56.89(6)	6.35(1)	42.67(6)	634.42(22)	33.51(4)
Station No:02	97.7 (5)	106.7 (2)	63.00 (2)	40.6 (1)	160.9 (3)	-	68.6(3)	76.4 (4)	-	145.5(3)	442.27(19)	54.6(2)
Station No:03	222.0 (9)	-	-	-	-	-	-	-	-	27.0(2)	545.4(17)	129.0(7)
2004												
Station No:01	-	29.21 (1)	21.84 (1)	8.12(1)	105.12 (5)	10.92(4)	-	-	33.6(3)	212.05(13)	406.34(20)	291.79(16)
Station No:02	-	-	11.40 (1)	-	212.6 (5)	18.8(1)	-	6.5(1)	75.5(2)	283.02(9)	457.32(13)	386.6(18)
Station No:03	15.6 (2)	29.1(1)	2.60 (2)	57.6 (5)	190.85 (9)	14.7(1)	-	-	108.5(5)	325.7(13)	565.6(21)	291.7(13)
2005												
Station No:01	17.6 (1)	-	-	71.6(8)	30.31 (1)	-	46.6(2)	6.7(1)	-	235.4(2)	580.9(16)	54.2(5)
Station No:02	101.2 (3)	-	22.5 (2)	163.4(6)	50.0 (2)	-	11.5(1)	-	10.0(1)	124.0(6)	521.9(9)	46.9(3)
Station No:03	55.8 (5)	-	30.5 (1)	163.6(11)	16.9 (2)	-	2.8(1)	1.5(1)	-	41.8(6)	197.3(11)	86.3(9)
												Cont

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Monthly Rainfall in Kilinochchi District - 2001 - 2018

MONTH/ YEAR	Station No:01 - Irainimadhu In mm			Station No:02 - Akkarayan In mm			Station No:03 - Kariyalainagapaduvan In mm			D - No. of Days Rain		
	January (M.M.D)	February (M.M.D)	March (M.M.D)	April (M.M.D)	May (M.M.D)	June (M.M.D)	July (M.M.D)	August (M.M.D)	September (M.M.D)	October (M.M.D)	November (M.M.D)	December (M.M.D)
2006												
Station No:01	93.1 (4)	12.8 (1)	34.2 (4)	74.0 (4)	7.8 (3)	3.5 (1)	-	-	87.4(6)	193.8(13)	181.3 (14)	44.3(3)
Station No:02	187.0 (7)	-	-	19.9 (2)	6.0 (1)	-	-	-	31.7(3)	238.2(13)	221.1 (14)	42.0(2)
Station No:03	217.7 (6)	3.0 (1)	96.3 (5)	46.1 (3)	-	-	-	-	30.7(1)	168.9(10)	277.3 (14)	40.7(2)
2007												
Station No:01	69.0 (1)	29.0 (3)	-	14.7 (2)	-	41.5(3)	69.8(3)	-	30.0(4)	141.5(7)	94.8(6)	235.4(11)
Station No:02	85.0 (1)	35.0 (1)	-	24.5 (4)	-	8.3(1)	32.0(1)	-	41.5(3)	136.0(10)	94.0(8)	144.8(10)
Station No:03	85.5 (1)	28.5 (1)	-	32.4 (3)	-	-	-	30.8(1)	12.8(2)	147.8(9)	135.1(10)	233.1(9)
	Cont											
2008	Not available											
2009	Not available											

Table:4.3.1

Monthly Rainfall in Kilinochchi District - 2001 - 2018

MONTH/ YEAR	Station No:01 - Irainimadhu In mm			Station No:02 - Akkarayan In mm			Station No:03 - Kariyalainagapaduwan In mm			D - No. of Days Rain		
	January (M.M.D)	February (M.M.D)	March (M.M.D)	April (M.M.D)	May (M.M.D)	June (M.M.D)	July (M.M.D)	August (M.M.D)	September (M.M.D)	October (M.M.D)	November (M.M.D)	December (M.M.D)
2010												
Station No:01	-	1.5(1)	67.8(3)	111.1(7)	157.0(7)	7.6(1)	50.7(3)	119.2(4)	63.1(6)	239.5(6)	354.9(13)	698.5(19)
Station No:02	-	1.5(1)	63.2(3)	100.4(4)	100.4(4)	17.0(1)	-	70.0(3)	113.3(4)	145.5(6)	308.1(15)	555.4(18)
Station No:03	-	-	28.5(3)	84.7(3)	150.3(4)	54.9(2)	4.9(1)	81.6(3)	142.0(6)	52.3(3)	339.7(12)	296.8(10)
2011												
Station No:01	221.7(13)	132.8(09)	190.1(08)	174(04)	-	-	-	19.6(01)	-	236.5(16)	453.6(16)	994.10(14)
Station No:02	221.(10)	114.8(06)	26.6(04)	139.4(10)	20.5(01)	-	-	-	-	135.11(09)	559.5(15)	369.5(14)
Station No:03	60.6(07)	95.1(07)	-	50.9(3)	-	-	-	-	-	205.7(11)	358.6(15)	376(09)
2012												
Station No:01	24(01)	-	9.8(01)	161(06)	-	-	39.8(2)	27.6(01)	30.6(04)	289(12)	202(06)	412.4(17)
Station No:02	-	-	-	154.7(6)	-	-	-	-	-	319.8(08)	279.2(7)	457.8(16)
Station No:03	20.0(01)	-	-	118.4(04)	-	-	-	-	46(3)	332.00	203(06)	334.9(13)
												Cont

Table:4.3.1

Monthly Rainfall in Kilinochchi District - 2001 - 2018

MONTH/ YEAR	Station No:01 - Irainimadhu In mm			Station No:02 - Akkarayan In mm			Station No:03 - Kariyalainagapaduvan In mm			D - No. of Days Rain		
	January (M.M.D)	February (M.M.D)	March (M.M.D)	April (M.M.D)	May (M.M.D)	June (M.M.D)	July (M.M.D)	August (M.M.D)	September (M.M.D)	October (M.M.D)	November (M.M.D)	December (M.M.D)
2013												
Station No:01	104.80	288.60	73.70	160.50	25.00	-	-	43.00	48.80	58.50	193.50	227.7
Station No:02	89.10	306.00	93.30	7.00	80.60	-	-	53.60	11.00	81.30	87.40	189.80
Station No:03	139.00	299.00	146.00	77.00	45.00	-	-	30.00	155.00	52.00	98.20	269.00
2014												
Station No:01	155.1(7)	109.7(4)	-	13(2)	73.6(5)	-	-	133.8(7)	88.2(4)	366.4(17)	393.7(17)	516.2(20)
Station No:02	212.5(8)	74.7(6)	-	57.7(3)	113.1(5)	-	-	81.4(2)	89.9(4)	311.6(14)	310.9(19)	488.9(21)
Station No:03	171(6)	36(4)	-	31(2)	91.1(7)	-	-	98.7(2)	65.9(3)	359.9(10)	362.3(14)	456.0(16)
2015												
Station No:01	-	81.0(4)	96.2(5)	58.7(5)	160.7(8)	6.2(2)	-	43.8(4)	115.5(4)	224.3(11)	887.6(19)	419.4(15)
Station No:02	-	43.7(3)	721.1(2)	89.8(7)	150.8(9)	2.9(1)	2.0(1)	41.0(3)	125.2(6)	313.0(9)	687.5(18)	460.8(19)
Station No:03	-	89.6(2)	64.1(3)	135.6(6)	121.2(6)	-	15.2(1)	86.8(3)	82.1(1)	122.9(7)	600.7(18)	381.6(18)
												Cont

Table:4.3.1

Monthly Rainfall in Kilinochchi District - 2001 - 2018

MONTH/ YEAR	Station No:01 - Iranaimadhu In mm			Station No:02 - Akkarayan In mm			Station No:03 - Kariyalainagapaduvan In mm			D - No. of Days Rain		
	January (M.M.D)	February (M.M.D)	March (M.M.D)	April (M.M.D)	May (M.M.D)	June (M.M.D)	July (M.M.D)	August (M.M.D)	September (M.M.D)	October (M.M.D)	November (M.M.D)	December (M.M.D)
2016												
Station No:01	38.9 (4)	8.4 (1)	-	39.8 (3)	666.2 (6)	2.8 (1)	47.9 (2)	-	-	7.8 (1)	611.2 (15)	137.1 (7)
Station No:02	43.4 (6)	-	-	32.0 (2)	578.1 (7)	-	8.3 (2)	-	-	30.3 (2)	572.1 (15)	145.5 (6)
Station No:03	-	-	-	-	350.5 (4)	-	-	-	-	29 (2)	411.3 (13)	141.1 (6)
2017												
Station No:01	76.10	22.30	209.90	21.00	51.00	6.00	2.00	50.00	166.50	107.50	487.00	136.50
Station No:02	107.10	16.40	213.50	4.70	65.50	15.20	-	27.50	91.30	160.60	367.60	104.70
Station No:03	114.90	17.80	63.90	-	28.40	-	-	-	89.90	136.30	393.30	81.10
2018												
Station No:01	13.00	2.50	30.00	4.50	226.00	-	22.00	-	55.40	409.90	463.00	485.50
Station No:02	10.30	10.50	32.40	49.70	176.20	-	78.40	-	73.20	320.00	349.70	275.50
Station No:03	8.60	-	50.3	66.20	70.50	-	-	-	74.70	282.80	357.40	262.10

Source: Deputy Director of Irrigation, Kilinochchi

Table:4.3.2

Name of Rivers and Particulars Related to Irrigation Facility - 2018

S. No	Name	Catchment area in sq.km	Approximate length in km	Duration of flow in months	Extent benefited in Kilinochchi district hectares	Volume of water consumed annually
1	Pallavarayan aru	161	31	3.5	609.31>	Not Available
2	Mandakal aru	300	44	3.5	139.27>	Not Available
3	Akkrayan aru	194	32	3.5	1383.4>	Not Available
4	Kalakaluppu aru	57	21	3.5	495.57>	Not Available
5	Kanagarayan aru	906	86	3.5	8900.8>	Above 5000
6	Netheli aru	120	31	3.5	1791.49>	Not Available
7	Piramanthal aru	83	23	3.5	243.72>	Above 3020

Source: Deputy Director of Irrigation, Kilinochchi

Table:4.3.3

Details Major / Medium Tanks in Kilinochchi District - 2018

S. No	Divisional Secretariat	Name of Tank	Capacity (Ac.Ft)	Irrigable Area		Catchment Area		Farmer Families
				(ACS)	(Ha)	(Sq.M l)	Sq.Km)	
1	Karachchi	Vannerikulam	1,713	360.00	145.68	5.0	12.94	120
		Puthumurippu	4,901	985.00	398.62	10.5	27.17	405
		Kanagambikai kulam	1,319	260.00	105.22	10.3	26.66	130
		Akkrayan kulam	27,340	3417.00	1382.81	41.20	106.63	1819
2	Karachchi/ Kandawalai	Iranaimadhu	120,000	21985.00	8897.01	227.00	587.48	9118
3	Kandawalai	Kalmadhu kulam	12,280	4250.00	1719.91	26.50	68.58	1257
		Piramanthanaru kulam	3,155	602.00	243.62	25.89	67.00	602
4	Poonakary	Kariyalainagapaduvan	11,791	502.00	203.15	46.0	119.05	502
		Kudamuruddy	2,950	650.00	263.04	75.9	196.40	340
Total:			185,449	33,011	13,359	468	1,212	14,293

NOTE ; Major Tank : IF Irrigable area > 1500 ACS

Medium Tank: IF Irrigable area < 1500-200 ACS

Minor Tank : IF Irrigable area < 200 ACS

Source: Deputy Director of Irrigation,
Kilinochchi

Table :-4.3.4

Details of Water Level in Major Tanks in Kilinochchi District (2006 - 2018)

S.No	Name of Major Tank	Full Supply Level of the Tank	2006 Dec	2007 Dec	2008	2009	2010 Dec	2011 Dec	2012 Dec	2013 Dec	2014 Dec	2015 Dec	2016 Dec	2017 Dec	2018 Dec
1	Iranamadhu	36' 0"	28' 5.5"	25' 7"			30'-0.5"	29' - 05"	31'-3.5"	11'-00"	30' - 06"	27' -08"	10'-03"	21'-0"	35-07"
2	Kalmadhu	24' 0"	21' 4.5"	19' 6"		Breached	Breached	Breached	24'-2.5"	3'-0"	24' - 03"	24' - 03"	13'-06"	15'-0"	24-01"
3	Akkarayan	25' 0"	20' 8.5"	13' 4"		23'-4"	23'-4"	24' - 05"	24'-02"	5'-0"	24' - 03"	25' - 01"	18'-00"	10'-9"	25-5"
4	Puthumurippu	19' 0"	12' 5.5"	9' 0"		16'-7"	16'-7"	16' - 7.5"	16'-6"	5'-0"	19' - 00"	19' - 00"	18'-7.5"	13'-4"	19-1"
5	Kanagambigai Kulam	10' 6"	9' 10.5"	7' 0"		10'-1"	10'-1"	10' - 03"	10'-0.5"	3'-01"	10' - 07"	10" - 07"	10'-5.5"	10'-6"	10-06"
6	Piramantharu	12' 0"	12' 0"	11' 10"		12'-4"	12'-4"	12' - 01"	12'-03"	4'-0.5"	12' - 04"	12' - 05"	08'-10"	12'-0"	12-01"
7	Kariyalainagapaduwan	10' 0"	9' 0.5"	5' 8.5"		10'-11"	10'-11"	09' - 8.5"	11'-04"	2'-09"	10' - 10.5"	10 - 06"	06'-00"	2'-11"	10-03"
8	Vannerikulam	09' 6"	8' 7.5"	9' 4"		9'-8"	9'-8"	09' - 10"	09'-09"	6'-02"	09' - 09"	9' - 07"	08'-02"	6'-4"	09-06"
9	Kudamuruddy	08' 9"	5' 10"	1' 8.5"		-	-	-	-	-	8' - 07"	-	08'-02"	7'-11"	08-02"

Source : Deputy Director of Irrigation , Kilinochchi

Table :-4.3.5

Salt Water Exclusion - 2018

S.No	Salt Water Exclusion Scheme	Total Acreage Benefit (Acres)
1	Raman Kalappu SWE Bund	78
2	Karukaithevu SWE Bund	120
3	Uppalavanklappu SWE Bund	68
4	Nallur SWE Bund	75
5	Ganimadam - Sithankurichchi SWE Bund	1159
6	Vedukadu SWE Bund	
7	Pavoodai SWE Bund	
8	Venerasodai SWE Bund	
9	Gowtharimunai SWE Bund	
10	Kudamuruddi Barrage	1700
11	Proposed Control Structure at Sembankunru	
12	Proposed Control Structure across the Mandakal Aru at A32 Road	
13	Malapu Kulam	184
14	Kokkudaijan Kulam	52
15	Ngamunai SWE	750
16	Anaikidanku SWE	
17	Pallavarayankaddu Manaikadu SWE	2700
18	Proposed Control Structure across the Pallavarayankaddu at A32 Road	
19	Paramankera SWE Bund	1400
20	Abandoned Land Due to Salinity	

Source: Deputy Director of Irrigation, Kilinochchi