

2. CLIMATE AND RAINFALL

2.1. TEMPERATURE AT SELECT STATIONS

Name of the Station: K.Paramathi (Celsius)

Year: 2014-15

Months	RECORDING STATION									
	TEMPERATURE (in Degree Centigrade)								Rainfall (in m.m.)	
	Maximum		Minimum		Mean		Humidity		Normal	Actual
	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual		
Jun 2014	33.50	37.00	24.70	27.19	29.00	31.40	--	58.35	14.00	2.20
Jul 2014	32.50	35.65	24.00	26.23	28.10	30.28	--	61.95	25.00	6.00
Aug 2014	32.50	35.36	23.70	25.33	28.10	30.28	--	65.80	29.00	45.20
Sep 2014	33.10	35.42	23.70	25.46	28.40	29.81	--	61.62	135.00	172.40
Oct 2014	31.30	33.13	23.00	24.51	27.20	28.27	--	75.13	147.00	201.20
Nov 2014	29.60	30.73	21.50	22.51	25.60	26.13	--	74.98	115.00	45.20
Dec 2014	29.40	30.28	19.70	21.77	24.60	25.39	--	73.08	41.00	11.60
Jan 2015	30.50	31.16	18.70	20.50	24.60	25.17	--	69.45	5.00	69.00
Feb 2015	33.40	33.05	20.30	19.13	26.70	26.09	--	81.32	7.00	0.00
Mar 2015	36.20	35.76	22.60	23.63	29.40	29.06	--	64.18	10.00	61.40
Apr 2015	37.20	36.87	25.00	24.83	31.10	30.23	--	64.83	23.00	65.80
May 2015	36.30	35.81	25.20	24.79	30.80	29.88	--	74.29	74.00	99.70

Source: J.E. Groundwater Sub-Division, P.W.D. Tiruchy

Rainfall – 2014-15



2.2 MONTHLY RAINFALL DATA – STATION WISE WITH MAINTAINING DEPARTMENT PARTICULARS

(Actual Rainfall in m.m)

Year: 2014-15

Period		Karur	Aravakurichi	K.Paramathy	Anaipalyam	Kulithalai	Thogamalai	Kadavur	Palaviduthi	Mayanur	Panchapatti
Jun 2014	South west Monsoon	23	1.2	-	-	14.4	33.6	23.2	22.6	26	44.4
Jul 2014		-	-	-	-	6	-	-	-	3.2	17
Aug 2014		81	21.7	32.2	73.2	17.9	32.3	35.2	96.7	172.6	131
Sep 2014		43	25.2	160.4	115.8	39.3	79.9	92.9	78.8	18.4	4.0
Oct 2014	North East Monsoon	205	321.6	226	385.3	88.8	130.1	234.8	275.1	155.4	250.8
Nov 2014		36.1	66	42.8	66.2	53.4	31.8	55.1	78	49	20.4
Dec 2014		15	13.6	14	8	14.9	10	35.4	35.7	25.2	28.6
Jan 2015	Winter season	-	10.2	69.6	95	2	7	3	15.5	29	7.4
Feb 2015		-	-	-	-	-	-	-	-	-	-
Mar 2015	Hot weather period	-	5	47.4	15.2	-	3	-	-	-	-
Apr 2015		92	114	65	141.2	90.9	68.3	90	220.4	107.6	214.4
May 2015		87.6	169.8	70.6	131.2	88.8	148	107.6	152.8	102.2	75.2

Source: PWD, Met.Dept. and Rev. Dept.

2.2 MONTHLY RAINFALL DATA – SEASON WISE PARTICULARS
(Actual Rainfall in m.m)

Year: 2014-15

Period	Actual	Normal	% Deviation
June- 2014	20.7	19.8	4.5
July-2014	3.7	35.7	-89.6
August - 2014	67.1	51.8	29.5
September- 2014	64.5	106.3	-39.3
SOUTH-WEST MONSOON	156	213.6	-27.0
October - 2014	196.2	144.6	35.7
November - 2014	43.8	119.1	-63.2
December-2014	18.8	51	-63.1
NORTH-EAST MONSOON	258.8	314.7	-17.8
January- 2015	18.2	9.7	87.6
February- 2015	0	7.8	-100.0
WINTER SEASON	18.2	17.5	4.0
March - 2015	9.4	10.4	-9.6
April - 2015	104.9	38	176.1
May - 2015	106.3	60.8	74.8
HOT SEASON	220.6	109.2	102.0
WHOLE YEAR	653.6	655	-0.2

Source : Department of Economics and Statistics, Chennai.

2.3 TIME SERIES DATA OF RAINFALL BY SEASONS (LAST 10 YEARS)

		Year:2014-15										
Sl. No	Year	South West Monsoon		North East Monsoon		Winter Season		Hot Weather Season		Total		% Deviation (+ or - or =) from Normal
		Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	
1	1999-2000	189.8	90.2	317.9	525.8	24.2	4.5	122.6	53.4	654.5	673.9	+2.96
2.	2000-01	0	180.2	0	218.5	0	1.0	0	129.1	867.8	528.8	-39.1
3.	2001-02	192.0	62.6	317.9	194.3	24.0	1.0	107.0	54.8	640.9	312.7	-51.2
4.	2002-03	209.5	110.6	141.8	330.1	24.7	0	105.7	90.7	681.7	531.4	-22.0
5.	2003-04	249.7	61.5	365.4	358	24.0	0	103.1	229.6	742.2	649.1	-12.5
6.	2004-05	249.7	310.3	365.4	279.3	24.0	0.7	103.1	223.7	742.2	814.0	+9.7
7.	2005-06	249.7	164.3	365.4	714.2	24.0	5.8	103.1	101.4	742.2	985.7	32.8
8.	2006-07	249.7	1810.9	365.4	3020.7	24.0	10.6	103.1	907.0	742.2	5749.2	+5007
9.	2007-08	249.7	164.3	365.4	714.2	24.0	5.8	103.1	101.4	742.2	985.7	32.8
10.	2008-09	249.7	1957.04	365.4	4341.44	24.0	16.8	103.1	210.2	742.2	6525.48	+5783.28
11.	2009-10	249.7	166.6	365.4	343.4	24.0	1.4	101.3	125.4	740.4	637.1	-14
12	2010-11	223.4	230.9	310.5	479.6	17.5	3.0	109.2	140.2	660.6	853.7	29.2
13	2011-12	213.6	154.4	314.7	466.0	17.5	2.5	109.2	152.6	655.0	775.5	18.4
14	2012-13	213.6	90.2	314.7	239.8	17.5	16.3	109.2	59.1	655.0	405.4	-38.1
15	2013-14	213.6	164.7	314.7	220.6	17.5	0.4	109.2	96.1	655.0	481.8	-26.4
15	2014-15	213.6	156	314.7	258.8	17.5	18.2	109.2	220.6	655	653.6	-26.4

Source: Department of Economics and Statistics, Chennai.