

**VI. CLIMATE**  
**1. Rainfall in selected Centres**

(in m.m)

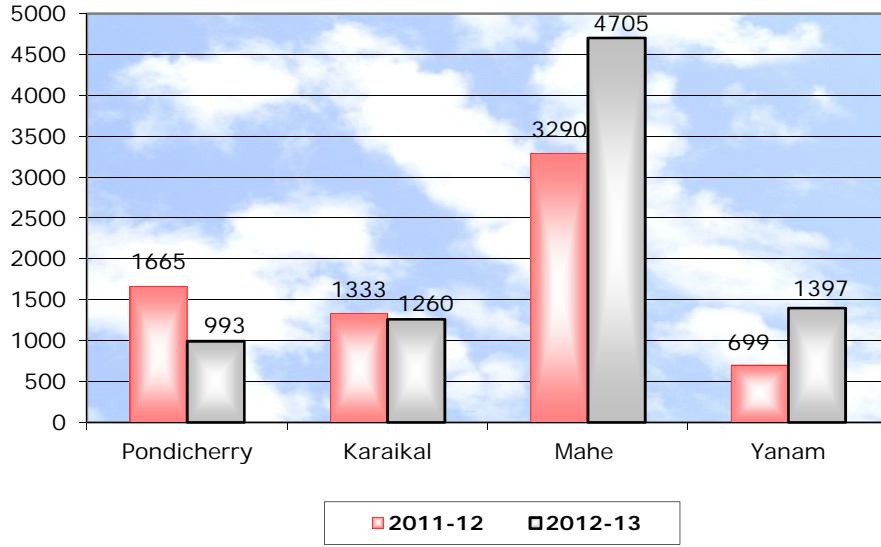
Year (June to May)	Puducherry	Karaikal	Mahe	Yanam
1	2	3	4	5
2001-02	1094	1653	2709	1128
2002-03	921	1012	2805	847
2003-04	1282	1434	3308	1037
2004-05	1184	1906	2485	818
2005-06	1552	1821	3421	1382
2006-07	1133	986	3280	1433
2007-08	1416	1568	4244	1243
2008-09	1620	1445	2794	947
2009-10	1480	1634	3635	694
2010-11	1942	1841	3005	2307
2011-12	1665	1333	3290	699
2012-13	993	1260	4705	1397
<b>Normal Rainfall</b>				

Note : Normal Rainfall is the simple arithmetic average of data for 30 years from 1970-71 to 1999-2000.

Reference year : June to May

Source : Public Works Department, Puducherry.

Annual Rain fall - 2011-12 & 2012-13 (In mm)



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### 2. Monthwise Rainfall particulars for the year 2008-09

(in m.m)

Sl. No	Month	Puducherry		Karaikal		Mahe		Yanam	
		No. of rainy days	Rainfall	No. of rainy days	Rainfall	No. of rainy days	Rainfall	No. of rainy days	Rainfall
1	2	3	4	5	6	7	8	9	10
1	Jun-08	4	38.0	3	53.0	26	735.2	8	185.6
2	Jul-08	4	21.0	1	3.7	20	452.4	11	197.6
3	Aug-08	4	41.0	6	51.1	16	363.8	11	219.8
4	Sep-08	2	40.0	2	9.4	11	484.6	8	85.0
5	Oct-08	14	317.0	11	338.6	13	422.4	7	122.4
6	Nov-08	11	837.0	13	574.7	2	23.2	3	119.7
7	Dec-08	3	84.0	7	142.4	1	40.0	0	0.0
8	Jan-09	2	18.0	4	44.5	0	0.0	0	0.0
9	Feb-09	0	0.0	0	0	0	0.0	0	0.0
10	Mar-09	2	159.0	2	98.6	2	62.0	0	0.0
11	Apr-09	1	23.0	2	98.7	2	59.2	0	0.0
12	May-09	3	42.0	1	30.1	11	151.6	2	17.2
	<b>Total</b>	<b>50</b>	<b>1620.0</b>	<b>52</b>	<b>1444.8</b>	<b>104</b>	<b>2794.4</b>	<b>50</b>	<b>947.3</b>

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### 2a. Monthwise Rainfall particulars for the year 2009-10

(in m.m)

Sl. No	Month	Puducherry		Karaikal		Mahe		Yanam	
		No. of rainy days	Rainfall	No. of rainy days	Rainfall	No. of rainy days	Rainfall	No. of rainy days	Rainfall
1	2	3	4	5	6	7	8	9	10
1	Jun-09	0	0.0	1	2.8	18	767.4	3	65.0
2	Jul-09	2	37.0	0	0.0	27	1339.2	9	100.5
3	Aug-09	4	75.0	5	90.3	20	269.0	7	75.6
4	Sep-09	12	200.8	2	12.9	16	318.4	9	88.4
5	Oct-09	5	231.0	4	53.2	4	193.8	2	35.2
6	Nov-09	15	539.0	19	685.7	8	285.2	5	120.8
7	Dec-09	10	264.0	13	620.6	3	40.6	1	44.6
8	Jan-10	2	22.0	5	60.1	2	30.0	2	9.0
9	Feb-10	0	0.0	0	0.0	0.0	0.0	0	0.0
10	Mar-10	0	0.0	0	0.0	2	11.8	0	0.0
11	Apr-10	1	62.0	0	1.6	4	141.6	0	0.0
12	May-10	2	49.0	2	107.2	11	237.8	5	155.0
	<b>Total</b>	<b>53</b>	<b>1479.8</b>	<b>51</b>	<b>1634.4</b>	<b>115</b>	<b>3634.8</b>	<b>43</b>	<b>694.1</b>

Source : Public Works Department, Puducherry.

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**2b. Monthwise Rainfall particulars for the year 2010-11**

(in m.m)

Sl. No	Month	Puducherry		Karaikal		Mahe		Yanam	
		No. of rainy days	Rainfall	No. of rainy days	Rainfall	No. of rainy days	Rainfall	No. of rainy days	Rainfall
1	2	3	4	5	6	7	8	9	10
1	Jun-10	7	298.0	7	187.0	23	851.2	2	124.2
2	Jul-10	2	18.0	2	19.0	26	829.0	19	378.6
3	Aug-10	10	194.0	11	288.1	20	391.6	12	295.3
4	Sep-10	9	117.0	11	224.2	16	191.6	6	204.0
5	Oct-10	10	182.0	4	88.5	14	304.8	12	365.8
6	Nov-10	20	579.0	8	560.8	14	260.4	10	505.6
7	Dec-10	12	284.0	15	358.1	0	1.6	5	210.8
8	Jan-11	1	6.0	2.0	30.3	0	0	0	0.0
9	Feb-11	1	6.0	2	20.4	0	0	1	28.0

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**2c. Monthwise Rainfall particulars for the year 2011-12**

(in m.m)

Sl. No	Month	Puducherry		Karaikal		Mahe		Yanam	
		No. of rainy days	Rainfall	No. of rainy days	Rainfall	No. of rainy days	Rainfall	No. of rainy days	Rainfall
1	2	3	4	5	6	7	8	9	10
1	Jun-11	2	26.0	1	16.8	26	935.0	6	114.4
2	Jul-11	6	63.0	2	73.4	28	757.2	8	154.6
3	Aug-11	7	198.0	4	53.9	27	700.4	11	169.4
4	Sep-11	9	223.0	3	98.1	14	344.8	4	26.6
5	Oct-11	12	479.0	15	369.0	12	315.6	7	211.2
6	Nov-11	11	387.0	14	469.8	7	148.4	0	0.0
7	Dec-11	6	280.0	6	174.5	0	0	0	0.0
8	Jan-12	0	0.0	4	31.7	0	0	0	0.0
9	Feb-12	0	0.0	0	0.0	0	0	0	0.0
10	Mar-12	0	0.0	1	14.9	0	0	0	0.0
11	Apr-12	1	7.0	1	11.2	4	44.0	0	0.0
12	May-12	0	2.0	1	19.3	1	45.0	2	22.4
	<b>Total</b>	<b>54</b>	<b>1665.0</b>	<b>52</b>	<b>1332.6</b>	<b>119</b>	<b>3290.4</b>	<b>38</b>	<b>698.6</b>

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**2c. Monthwise Rainfall particulars for the year 2012-13**

(in m.m)

	Puducherry	Karaikal	Mahe	Yanam
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Sl. No	Month	No. of rainy days	Rainfall	No. of rainy days	Rainfall	No. of rainy days	Rainfall	No. of rainy days	Rainfall
1	2	3	4	5	6	7	8	9	10
1	Jun-12	2	26.0	2	48.9	26	694.6	6	72.4
2	Jul-12	5	73.0	3	36.6	25	446.8	17	309.0
3	Aug-12	7	91.0	2	27.0	21	553.8	17	260.8
4	Sep-12	4	83.0	8	186.9	14	333.4	12	218.4
5	Oct-12	13	613.0	14	812.8	9	140.8	3	62.8
6	Nov-12	1	4.0	3	39.8	4	90.4	6	402.2
7	Dec-12	4	68.0	6	77.0	0	0.0	0	0.0
8	Jan-13	0	0.0	1	10.2	3	0.0	0	0.0
9	Feb-13	0	0.0	1	10.0	5	25.6	1	8.0
10	Mar-13	2	34.0	2	9.9	3	45.2	0	0.0
11	Apr-13	0	0.0	0	0.0	4	41.6	2	56.6
12	May-13	0	0.6	0	0.5		252.0	1	6.6
	<b>Total</b>	<b>38</b>	<b>992.6</b>	<b>42</b>	<b>1259.6</b>	<b>114</b>	<b>2624.2</b>	<b>65</b>	<b>1396.8</b>

Source : Public Works Department, Puducherry.

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### 3. Temperature and Relative Humidity at Puducherry

Year	Temperature							
	Mean	Maximum	Mean	Minimum	Pooled Mean		Relative Humidity	
	C°	F°	C°	F°	C°	F°	08.30 Hrs	17.30 Hrs
1	2	3	4	5	6	7	8	9
2001	33.4	92.2	24.2	75.5	28.8	83.9	83	77
2002	33.7	92.6	24.1	75.4	28.9	84.1	79	74
2003	33.6	92.5	24.2	75.5	28.5	83.3	79	72
2004	33.1	91.5	23.9	75.0	28.5	83.5	78	70
2005	33.3	92.0	24.4	75.9	28.9	84.0	79	72
2006	33.4	92.1	24.1	75.3	28.8	83.8	79	71
2007	33.1	91.6	24.1	75.3	28.6	83.5	79	72
2008	33.3	92.0	24.5	76.1	28.9	84.0	78	71
2009	33.8	92.9	24.8	76.7	29.4	84.8	77	72
2010	33.0	91.3	24.8	76.6	28.9	84.0	79	73
2011	33.3	92.0	24.2	75.6	28.8	83.8	76	71
2012	34.5	94.1	24.7	76.5	29.6	85.4	75	70

Reference year - January to December

Source : India Meteorological Department, Chennai.

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### 4. a. Temperature and Relative Humidity at Puducherry - 2008

Month	Temperature							
	Mean Maximum		Mean Minimum		Pooled Mean		Relative Humidity	
	C°	F°	C°	F°	C°	F°	08.30 Hrs	17.30 Hrs
1	2	3	4	5	6	7	8	9
Jan	29.7	85.5	21.1	70.0	25.4	77.7	86	75
Feb	30.7	87.3	22.7	72.9	26.7	80.1	82	71
Mar	31.1	88.0	23.6	74.5	27.4	81.3	83	75
Apr	33.8	92.8	26.0	78.8	29.9	85.8	78	76
May	38.4	101.1	26.8	80.2	32.6	90.7	66	72
Jun	37.1	98.8	26.4	79.5	31.8	89.2	69	64
Jul	36.3	97.4	26.4	79.5	31.4	88.5	70	68
Aug	35.1	95.2	25.9	78.6	30.5	86.9	77	70
Sep	34.4	93.9	25.9	78.6	30.2	86.4	77	74
Oct	32.1	89.8	24.6	76.3	28.4	83.1	86	83
Nov	31.0	87.8	23.0	73.4	26.4	79.5	84	81
Dec	30.1	86.2	21.8	71.3	26.0	78.8	87	77
<b>Average</b>	<b>33.3</b>	<b>92.0</b>	<b>24.5</b>	<b>76.1</b>	<b>28.9</b>	<b>84.0</b>	<b>79</b>	<b>74</b>

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### 4. b. Temperature and Relative Humidity at Puducherry- 2009

Year	Temperature							
	Mean Maximum		Mean Minimum		Pooled Mean		Relative Humidity	
	C°	F°	C°	F°	C°	F°	08.30 Hrs	17.30 Hrs
1	2	3	4	5	6	7	8	9
Jan	30.0	86.0	20.9	69.6	25.5	77.9	83	70
Feb	31.5	88.7	21.4	70.5	26.5	79.7	83	70
Mar	32.3	90.2	23.7	74.7	28.0	82.4	83	73
Apr	34.6	94.3	26.1	79.0	30.4	86.7	76	75
May	36.6	97.9	27.6	81.7	32.1	89.8	72	72
Jun	39.0	102.2	27.7	81.9	33.4	92.1	61	64
Jul	37.1	98.8	27.0	80.6	32.1	89.8	67	61
Aug	36.3	97.3	26.4	79.5	31.2	88.2	70	66
Sep	35.3	95.5	25.8	78.4	30.6	87.1	76	70
Oct	34.1	93.4	25.0	77.0	29.6	85.3	73	67
Nov	30.0	86.0	23.9	75.0	27.0	80.6	90	85
Dec	29.0	84.2	22.5	72.5	25.8	78.4	90	82
<b>Average</b>	<b>33.8</b>	<b>92.9</b>	<b>24.8</b>	<b>76.7</b>	<b>29.4</b>	<b>84.8</b>	<b>77</b>	<b>71</b>

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### 4.c. Temperature and Relative Humidity at Puducherry- 2010

Year	Temperature							
	Mean Maximum		Mean Minimum		Pooled Mean		Relative Humidity	
	C°	F°	C°	F°	C°	F°	08.30 Hrs	17.30 Hrs
1	2	3	4	5	6	7	8	9
Jan	29.9	85.8	21.7	71.1	25.8	78.4	87	75
Feb	31.0	87.8	21.8	71.2	26.4	79.5	83	70
Jul	34.1	93.4	25.9	78.6	30.0	86.0	78	68
Aug	34.5	94.1	25.9	78.6	30.2	86.4	79	70
Sep	33.3	91.9	25.5	77.9	29.4	84.9	83	75
Oct	33.4	92.1	25.1	77.2	29.3	84.7	83	79
Nov	30.1	86.2	23.6	74.5	26.9	80.4	92	88
Dec	28.7	83.7	22.0	71.6	25.4	77.7	92	83
<b>Average</b>	<b>31.9</b>	<b>89.4</b>	<b>23.9</b>	<b>75.1</b>	<b>27.9</b>	<b>82.3</b>	<b>85</b>	<b>76</b>

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### 4.d. Temperature and Relative Humidity at Puducherry - 2011

Year	Temperature							
	Mean Maximum		Mean Minimum		Pooled Mean		Relative Humidity	
	C°	F°	C°	F°	C°	F°	08.30 Hrs	17.30 Hrs
1	2	3	4	5	6	7	8	9
Jan	30.0	86.0	20.8	69.4	25.4	77.7	89	72
Feb	30.9	87.6	21.3	70.3	26.1	79.0	85	68
Mar	32.8	91.0	22.9	73.2	27.9	82.2	81	68
Apr	33.7	92.7	25.7	78.3	29.7	85.5	79	74
May	37.1	98.8	27.0	80.6	32.1	89.8	72	73
Jun	37.9	100.2	27.2	81.0	32.6	90.7	67	59
Jul	36.4	97.5	26.4	79.5	31.4	88.5	74	59
Aug	34.4	93.9	25.6	78.1	30.0	86.0	79	68
Sep	34.6	94.3	25.0	77.0	29.8	85.6	81	76
Oct	31.9	89.4	24.7	76.5	28.3	82.9	90	82
Nov	30.1	86.2	22.8	73.0	26.5	79.7	90	82
Dec	29.9	85.8	21.5	70.7	25.7	78.3	87	77
<b>Average</b>	<b>33.3</b>	<b>92.0</b>	<b>24.2</b>	<b>75.6</b>	<b>28.8</b>	<b>83.8</b>	<b>81</b>	<b>72</b>

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### 4.d. Temperature and Relative Humidity at Puducherry - 2012

Year	Temperature							
	Mean Maximum		Mean Minimum		Pooled Mean		Relative Humidity	
	C°	F°	C°	F°	C°	F°	08.30 Hrs	17.30 Hrs
1	2	3	4	5	6	7	8	9



Jan	31.5	88.7	20.9	69.6	26.2	79.2	87	66
Feb	32.7	90.9	21.1	70.0	26.9	80.4	86	70
Mar	33.8	92.8	24.5	76.1	29.2	84.6	83	79
Apr	34.9	94.8	26.6	79.9	30.8	87.4	79	79
May	39.1	102.4	28.2	82.8	33.7	92.7	69	71
Jun	39.1	102.4	27.7	81.9	33.4	92.1	65	71
Jul	36.9	98.4	26.5	79.7	31.7	89.1	74	65
Aug	36.1	97.0	25.8	78.4	31.0	87.8	73	69
Sep	35.4	95.7	25.5	77.9	30.5	86.9	79	75
Oct	31.8	89.2	24.5	76.1	28.2	82.8	87	83
Nov	32.1	89.8	23.0	73.4	27.6	81.7	81	73
Dec	30.8	87.4	22.2	72.0	26.5	79.7	88	75
<b>Average</b>	<b>34.5</b>	<b>94.1</b>	<b>24.7</b>	<b>76.5</b>	<b>29.6</b>	<b>85.4</b>	<b>79</b>	<b>73</b>

Source: India Meteorological Department, Chennai.