

**Appendix – 2**

**Meteorological data recorded at Research Farm, Selakui (Dehradun) and Research Centre's during 2013-14**

Meteorological parameters	April 2013	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. 2014	Feb.	March
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Dehradun</b>												
Rainfall (mm)	20	5.0	952.9	357.0	564.0	148.1	22.5	2.5	9.6	110.2	121.4	57.8
No. of Rainy days	0	1	14	16	20	10	3	0	2	4	9	7
Mean Max. Temp.(°C)	33.2	37.8	32.4	31.1	31.2	31.1	28.9	24.6	21.7	19.2	20.0	25.1
Mean Min. Temp. (°C)	13.3	17.0	22.7	23.7	23.1	20.7	16.9	6.6	3.4	4.7	6.7	9.7
Mean wind velocity (km/hr)	1.9	2.1	1.4	0.9	0.8	1.0	0.7	0.7	0.7	1.0	1.3	1.6
Av. Daily bright sunshine (hrs)	8.4	7.5	2.5	2.8	2.9	6.2	4.9	6.6	5.6	4.4	5.3	7.2
Av. Daily evaporation (mm)	4.9	6.7	3.3	2.5	2.8	2.9	2.2	1.8	1.3	1.2	1.5	2.4
Relative humidity (%) 07.19 hrs	81.7	61.7	88.2	96.5	96.7	95.0	95.6	94.4	95.5	97.0	97.7	95.6
Relative humidity (%) 14.19 hrs	30.2	28.6	70.1	82.4	79.4	69.2	65.4	43.6	47.0	54.3	60.7	50.5
<b>Chandigarh</b>												
Rainfall (mm)	1.2	5.0	240.7	220.8	351.2	170.6	26.2	6.9	11.8	77.2	75.8	75.3
No. of Rainy days	1	2	13	14	15	9	6	2	3	4	7	8
Mean Max. Temp.(°C)	33.7	39.5	35.0	32.2	31.8	32.6	30.5	26.2	22.5	19.5	21.0	26.4
Mean Min. Temp. (°C)	15.6	20.4	23.1	23.1	22.4	19.8	16.7	8.8	5.3	4.2	7.3	10.7
Mean wind velocity (km/hr)	2.9	3.2	3.6	2.2	1.8	1.3	1.5	1.8	1.7	1.6	2.2	2.5
Av. Daily bright sunshine (hrs)	8.4	8.8	5.2	4.5	4.6	6.7	5.8	7.8	5.9	4.9	5.4	6.8
Av. Daily evaporation (mm)	5.8	7.7	4.8	3.2	3.1	3.2	2.6	2.4	2.0	1.6	2.0	3.2
Relative humidity (%) 07.23 hrs	56	44	75	88	90	89	86	87	89	95	91	83
Relative humidity (%) 14.23 hrs	26	27	59	71	73	63	53	49	50	61	59	51
Av. vapour pressure (mm) 07.23 hrs	10.9	12.9	21.1	23.6	22.7	19.5	15.4	8.7	7.1	6.9	8.1	10.0
Av. vapour pressure (mm) 14.23 hrs	9.9	14.0	21.3	24.8	24.3	22.1	16.6	11.9	9.3	9.6	10.1	12.1
<b>Udhagamandalam</b>												
Rainfall (mm)	42.2	137.7	208.7	297.8	158.8	171.5	148.4	46.8	20.3	0.0	5.8	42.0
No. of Rainy days	3	10	20	24	12	15	13	7	3	0	1	3
Mean Max. Temp.(°C)	23.4	23.8	17.1	16.5	18.1	19.3	19.7	19.1	21.2	20.8	20.4	21.5
Mean Min. Temp. (°C)	12.2	12.9	12.0	11.9	12.4	12.6	12.2	10.9	7.9	6.4	7.4	9.5
Av. Daily evaporation (mm)	3.3	3.5	2.0	2.2	3.0	3.0	2.6	2.6	3.2	3.3	3.1	4.6
Mean wind velocity (km/hr)	3.1	3.0	8.5	8.9	7.4	3.8	3.0	3.6	3.3	2.7	2.7	5.4
Bright sunshine (hrs/day)	6.7	5.8	1.1	0.5	2.7	2.8	3.7	5.2	8.0	7.9	7.1	7.8
Relative humidity (%) 07.23 hrs	91.4	92.8	96.4	97.0	96.1	94.5	92.8	92.9	79.4	65.9	73.5	77.4
Relative humidity (%) 14.23 hrs	60.4	67.8	90.7	92.2	81.7	79.3	76.3	74.0	58.4	51.0	54.6	50.8

<b>Agra</b>												
Rainfall (mm)	0.0	178.1	304.5	61.4	154.3	0.0	6.5	61.4	45.4	22.0		
No. of Rainy days	0	7	12	2	2	0	1	3	3	3		
Mean Max. Temp. (°C)	37.9	34.2	33.1	35.0	32.1	28.2	23.4	17.7	22.6	29.2		
Mean Min. Temp. (°C)	19.9	25.7	25.0	24.4	19.6	10.3	7.6	7.7	8.9	13.6		
Mean wind velocity (km/hr)	-	-	1.9	1.5	1.4	0.5	1.5	2.4	5.9	8.0		
Av. Daily bright sunshine (hrs)	8.9	4.6	5.4	7.6	6.9	6.5	5.7	1.9	2.6	3.3		
Av. Daily evaporation (mm)	8.3	3.7	4.0	4.2	3.1	2.2	1.8	1.1	2.1	3.3		
Relative humidity (%) 07.19 hrs	62	91	95	87	91	91	92	95	95	87		
Relative humidity (%) 14.19 hrs	21	72	72	54	52	33	48	76	50	37		
<b>Kota</b>												
Rainfall (mm)	0.0	473.8	343.6	70.6	36.6	2.4	3.4	37.7	15.2	2.8		
No. of Rainy days	1	20	16	9	0.4	0	0	2	3	1		
Mean Max. Temp. (°C)	37.6	30.5	30.3	33.3	31.8	28.2	24.0	10.1	24	30.7		
Mean Min. Temp. (°C)	20.5	25.2	24.7	23.9	19.7	11.0	7.6	8.2	9.4	13.5		
Mean wind velocity (km/hr)	2.6	2.0	0.9	--	--	--	--	--	--	3.1		
Av. Daily bright sunshine (hrs)	9.3	2.8	2.8	8.3	7.6	7.8	6.0	3.4	7.0	8.7		
Av. Daily evaporation (mm)	7.7	4.2	3.4	4.2	3.3	2.4	2.3	1.4	2.2	4.2		
Relative humidity (%) 07.27 hrs	53	92	92	87	89	93	93	94	92	82		
Relative humidity (%) 14.27 hrs	21	81	82	56	49	36	48	72	52	34		
Av. vapour pressure (mm) 07.27 hrs	12.4	24.5	23.3	22.0	19.3	10.5	8.2	9.0	8.9	11.5		
Av. vapour pressure (mm) 14.27 hrs	9.8	25.2	24.6	20.8	16.1	11.1	2.5	11.2	11.2	11.1		
<b>Vasad</b>												
Rainfall (mm)	0.0	718.8	272.5	364.0	56.6	0.0	0.0	21.6	0.0	0.0		
No. of Rainy days	0	22	14	9	3	0	0	2	0	0		
Mean Max. Temp. (°C)	37.4	31.3	30.6	32.7	32.9	31.2	28.6	26.4	29.5	34.1		
Mean Min. Temp. (°C)	17.4	23.3	22.7	22.6	19.6	14.2	9.6	10	10.9	13.3		
Mean wind velocity (km/hr)	5.3	5.8	5.6	5.4	2.9	3.6	3.4	4.8	3.4	3.7		
Av. Daily bright sunshine (hrs)	10.4	1.2	2.96	6.2	7.2	8.6	7.9	7.8	9.5	9.8		
Av. Daily evaporation (mm)	6.9	2.7	2.4	3.2	3.1	3.3	2.5	2.6	3.4	5.2		
Relative humidity (%) 07.16 hrs	74	96	94	93	92	85	92	92	87	77		
Relative humidity (%) 14.16 hrs	38	82	79	74	60	52	50	49	37	34		
Av. vapour pressure (mm) 07.16 hrs	18.5	25.1	24	24.4	21.6	14.3	11.4	11.3	23.9	13.8		
Av. vapour pressure (mm) 14.16 hrs	17.8	25.7	24.3	25.7	20.7	17.2	13.9	12.3	10.9	13.1		

<b>Datia</b>												
Rainfall (mm)	3.2	2.2	81.4	200.0	582.8	34.8	95.0	0.0	8.4	34.2	23.8	14.4
No. of Rainy days	1	0	6	12	15	3	4	0	1	4	3	1
Mean Max. Temp. (°C)	38.5	43.9	37.6	33.2	31.5	34.3	31.5	29.4	25.4	19.4	24.0	31.1
Mean Min. Temp. (°C)	20.3	25.5	26.8	25.1	24.3	24.2	20.7	12.0	8.3	9.0	10.2	14.1
Mean wind velocity (km/hr)	1.1	4.7	5.0	2.7	1.5	1.7	0.9	0.6	0.8	1.1	1.5	1.6
Av. Daily bright sunshine (hrs)	8.8	9.3	4.8	2.9	3.2	8.8	7.3	7.6	5.8	3.6	6.6	9.0
Av. Daily evaporation (mm)	9.7	13.9	8.0	2.2	2.5	4.5	4.3	32.0	2.6	1.5	3.6	6.0
Relative humidity (%) 07.16 hrs	58	31	72	93	95	89	91	88	94	94	95	86
Relative humidity (%) 14.16 hrs	19	11	50	75	79	58	59	34	44	69	52	34
<b>Bellary</b>												
Rainfall (mm)	4.5	57.6	38	44.7	21.4	175.7	74.5	0	0	0	15.2	70.6
No. of Rainy days	1	4	2	5	3	10	6	0	0	0	1	2
Mean Max. Temp. (°C)	39	38.9	34.2	31.5	32.3	30.9	31.1	30	29.5	30.3	32.4	35.0
Mean Min. Temp. (°C)	24.4	25.5	23.9	23	22.7	22.1	21.8	18.3	14.8	16.2	18.0	20.9
Mean wind velocity (km/hr)	6.3	9.4	12	10.6	9.6	5.1	4.7	3.4	3.6	5.2	4.1	5.8
Av. Daily bright sunshine (hrs)	9.7	8.3	5.6	2.4	5.6	5.2	6	8.1	9.1	8.9	9.0	9.2
Av. Daily evaporation (mm)	9.8	9.5	7.7	6.1	6.1	4.6	5.1	4.8	4.5	5	5.9	7.7
Relative humidity (%) 07.23 hrs	62	70	76	84	83	89	88	87	82	87	74	70
Relative humidity (%) 14.23 hrs	24	29	44	55	49	60	57	45	36	36	33	31
<b>Koraput</b>												
Rainfall (mm)	139.4	19.9	383.5	347.0	261.7	151.3	258.9	10.8	0.0	0.0	8.30	63.8
No. of Rainy days	5	3	14	16	17	7	11	1	0.0	0.0	01	3
Mean Max. Temp. (°C)	34.3	35.3	28.0	25.3	26.2	28.6	26.6	27.0	25.9	27.1	29.0	30.9
Mean Min. Temp. (°C)	14.2	16.9	15.8	15.3	16.0	16.2	14.7	9.3	5.1	9.5	10.0	15.4
Mean wind velocity (km/hr)	2.7	4.1	5.2	6.7	4.9	1.9	1.7	1.1	1.2	1.3	2.1	1.8
Av. Daily bright sunshine (hrs)	8.7	9.1	3.8	1.1	2.2	4.7	4.8	6.8	7.9	7.9	8.9	7.6
Av. Daily evaporation (mm)	5.4	5.7	2.9	2.1	2.2	2.6	2.2	2.2	2.3	2.7	3.8	4.0
Relative humidity (%) 07.00 hrs	80	76	91	95	95	95	96	93	94	94	90	88
Relative humidity (%) 14.00 hrs	35	37	74	87	79	72	76	53	39	34	28	39

Appendix – 3

Approved Annual Achievement (Performance Evaluation) in respect of Research Framework Document Annual Performance Evaluation Report of RCSs (April 1, 2012 to March 31, 2013) CSWCRTI, Dehradun

Objective	Weight	Action	Success Indicators	Unit	Weight	Target/ Criteria Value				Target Achieved	Performance Raw Score	Performance Weighted Raw	% Achievements against target Values of 90% column	Reasons for short-falls or excessive achievement, if applicable
						Excellent 100%	Very good 90%	Good 80%	Fair 70%					
Survey & characterization of degraded land	15	Delineation of degraded areas	Erosion hazard maps and reports developed	No.	15	7	6	5	2	1	90.0	13.50	100.0	NA
Conservation of soil & water	15	Testing of conservation technologies	Technologies tested and validated for arable and non-arable lands	No.	15	5	4	3	2	1	100.0	15.00	125.0	Target under excellent has been achieved
Integrated watershed development	24	Development of model watersheds in different regions	Watersheds area treated	ha	6	555	500	444	300	200	95.44	5.73	106.0	Target between very good & excellent has been achieved
			DLT structures constructed	No.	5	40	30	20	10	5	98.0	4.90	126.7	Target between very good & excellent has been achieved
			Water resource development structures constructed	No.	5	5	4	3	2	1	100.0	5.00	225.0	Based on demand of primary stakeholders
			Crop demonstrations laid	No.	6	333	300	266	150	75	100.0	6.00	118.0	Marginally higher
			SHGs and UGs formed	No.	2	4	3	2	1	0	100.0	2.00	200.0	Demand driven
Enhancing productivity, profitability and livelihood in degraded land	14	Integrated farming systems	IFS models developed by DSS	No.	7	5	4	2	1	0	90.0	6.30	100.0	-
			IFS models tested and evaluated	No.	7	10	8	6	4	2	100.0	7.00	125.0	Target under excellent has been achieved
Human resource development	20	Capacity building	Training programmes organized for gazetted and non-gazetted officers	No.	20	90	80	70	60	50	100.0	20.00	180.0	Activity is client demand based

Efficient Functioning of the RFD System	3	Timely submission of RFD for 2012-13	On-time submission	Date	2	Mar. 23, 2012	Mar.26, 2012	Mar.27, 2012	Mar.28, 2012	Mar.29, 2012	Feb. 2, 2012	100.0	2.00	-	NA
		Timely submission of Results for 2012-13	On-time submission	Date	1	May 1, 2013	May 2, 2013	May 3, 2013	May 4, 2013	May 5, 2013	27 Apr., 2013	100.0	1.00	-	NA
Administrative Reforms	5	Implement ISO 9001	Prepare ISO 9001 action plan	Date	1	June 4, 2012	June 5, 2012	June 6, 2012	June 7, 2012	June 6, 2012	24 May 2012	100.0	1.00	-	NA
		Implement mitigating strategies for reducing potential risk of corruption	Implementation of ISO 9001 action plan	Date	2	Mar.25, 2013	Mar.26, 2013	Mar.27, 2013	Mar.28, 2013	Mar.29, 2013	0	0	0.00	-	Process was understood through two presentation given by ISO certification agency.
			% of implementation	%	2	100	95	90	85	80	0	0	0.00	-	Quotation letter has been finalized.
Improving Internal Efficiency/responsive-ness/service delivery of Ministry / Department	4	Implementation of Sevottam	Independent Audit of Citizen's Charter	%		100	95	90	85	80	100	100	2.00	-	NA
			Independent Audit of implementation of public grievance redressal system	%	2	100	95	90	85	80	100	100	2.00	-	GRM for Sevottam is in place and effectively redressed all the grievance received.
													<b>93.43</b>		<b>Composite Score Rating : Excellent</b>