

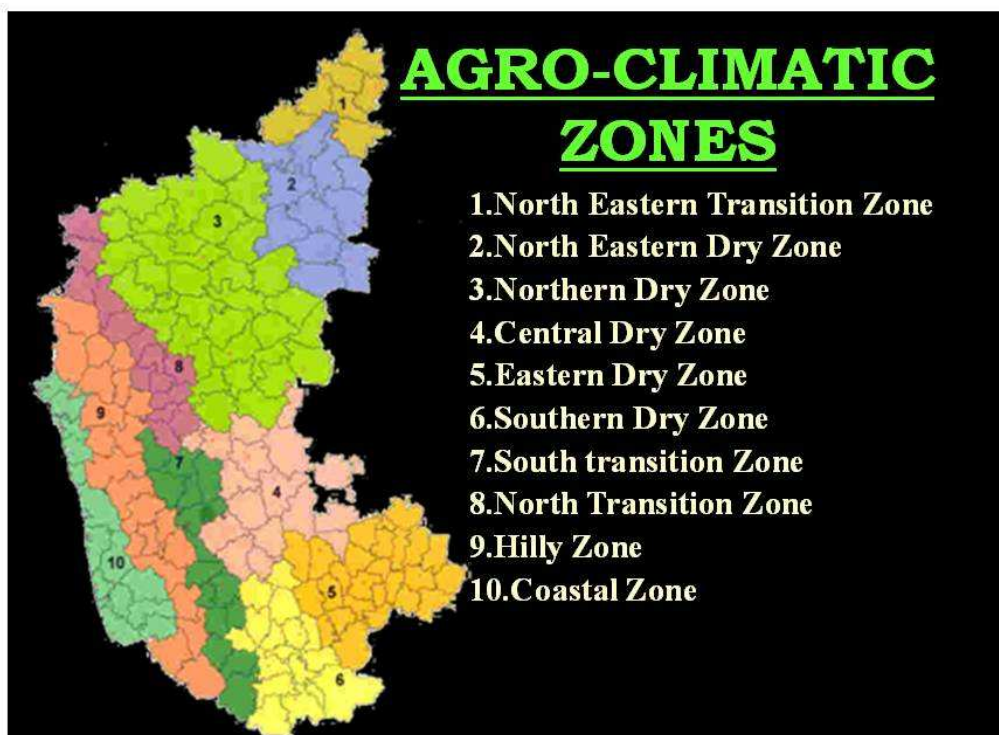


**COMPOSITE BULLETIN OF AGROMETEOROLOGICAL ADVISORY
KARNATAKA STATE**

**ISSUED BY METEOROLOGICAL CENTRE, BENGALURU (IMD)
IN COLLABORATION WITH
STATE AGRICULTURE DEPARTMENT &
AGRICULTURAL UNIVERSITIES OF KARNATAKA**

FOR THE PERIOD 22ND FEBRUARY 2012 TO 26TH FEBRUARY 2012

**ISSUED ON TUESDAY, 21ST FEBRUARY 2012
AGROCLIMATIC ZONES OF THE STATE**



SL.NO.	AGROCLIMATIC ZONE	DISTRICTS	AGROMET FIELD UNIT (AMFU) LOCATION
1.	North East Transition Zone	Bidar	Bidar
2.	Northeastern Dry Zone	Gulbarga, Raichur	Raichur
3	Northern Dry Zone	Bijapur, Bellary, Dharwad, Belgaum, Gadag, Bagalkot, Koppal, Some parts of Raichur	Bijapur
4.	Central Dry Zone	Tumkur, Chitradurga, Davangere, Chikmagalur	Hiriyur
5.	Eastern Dry Zone	Bengaluru Rural, Bengaluru Urban, Kolar, Tumkur	Bengaluru
6.	Southern Dry Zone	Mysore, Tumkur, Mandya, Hassan	Naganhalli
7.	Southern Transition Zone	Hassan, Mandya, Mysore	Shimoga
8.	North Transition Zone	Dharwad, Belgaum, Haveri	Dharwad
9.	Hill Zone	Uttara Kannada, Chikmagalur, parts of Dharwad, Kodagu, parts of Hassan, Shimoga, parts of Belgaum	Sirsi
10.	Coastal Zone	Dakshina Kannada, Udupi, Uttara Kannada	Bramhavar

**PART – I
WEATHER**

Part I: District wise Weather summary during the period from 17.02.12- 20.02.12

NORTH EAST TRANSITION ZONE, BIDAR				
Bidar district				
Parameter	17.02.2012	18.02.2012	19.02.2012	20.02.2012
Rainfall (mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	34.0	35.0	35.0	35.0
Min.Temp(°C)	17.0	17.0	17.0	17.0
Sky condition(Octas)	0	2	0	0
Relative humidity(%) 0830 hours	69	69	49	66
Relative humidity(%) 1730 hours	43	50	44	32
Wind Speed (kmph)	20	02	14	12
Wind Direction	290	230	020	290

NORTHEASTERN DRY ZONE, RAICHUR				
Gulbarga district				
Parameter	17.02.2012	18.02.2012	19.02.2012	20.02.2012
Rainfall (mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	34.0	34.5	34.8	35.5
Min.Temp(°C)	17.0	21.0	20.0	19.8
Sky condition(Octas)	0	0	0	0
Relative humidity(%) 0830 hours	69	68	54	47
Relative humidity(%) 1730 hours	25	37	37	50
Wind Speed (kmph)	02	06	00	00
Wind Direction	140	160	000	000
Raichur district				
Rainfall(mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	35.2	33.8	33.8	35.2
Min.Temp(°C)	20.0	18.9	16.1	15.3
Sky condition(Octas)	0	0	0	0
Relative humidity(%) 0830 hours	84	83	98	73
Relative humidity(%) 1730 hours	23	39	21	23
Wind Speed (kmph)	00	00	00	00

Wind Direction	000	000	000	000
NORTHERN DRY ZONE, BIJAPUR				
Bijapur district				
Parameter	17.02.2012	18.02.2012	19.02.2012	20.02.2012
Rainfall (mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	33.6	34.0	33.4	34.8
Min.Temp(°C)	17.2	20.0	20.2	15.4
Sky condition(Octas)	0	0	0	0
Relative humidity(%) 0830 hours	46	63	51	40
Relative humidity(%) 1730 hours	17	22	31	21
Wind Speed (kmph)	00	10	10	00
Wind Direction	000	180	160	000
Bagalkote district				
Rainfall(mm)				
Max. temp(°C)				
Min.Temp(°C)				
Sky condition(Octas)				
Relative humidity(%) 0830 hours				
Relative humidity(%) 1730 hours				
Wind Speed (kmph)				
Wind Direction				
Gadag district				
Rainfall(mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	33.0	34.5	34.6	34.5
Min.Temp(°C)	17.2	19.6	20.1	18.6
Sky condition(Octas)	0	2	0	0
Relative humidity(%) 0830 hours	46	72	64	40
Relative humidity(%) 1730 hours	13	25	30	17
Wind Speed (kmph)	04	06	06	06
Wind Direction	090	090	090	090
Bellary district				
Rainfall	0.0	0.0	0.0	0.0
Max. temp(°C)	36.1	36.5	35.7	37.5
Min.Temp(°C)	20.2	19.2	18.4	16.6
Sky condition(Octas)	0	0	0	0
Relative humidity(%) 0830 hours	74	74	62	41
Relative humidity(%) 1730 hours	20	27	22	14

Wind Speed (kmph)	00	00	00	00
Wind Direction	000	000	000	000
Koppal district				
Rainfall(mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	34.0	35.0	35.0	35.0
Min.Temp(°C)	19.5	22.0	18.0	17.0
Sky condition(Octas)	0	0	0	0
Relative humidity(%) 0830 hours	47	75	35	47
Relative humidity(%) 1730 hours	39	35	29	19
Wind Speed (kmph)	00	00	02	00
Wind Direction	000	000	050	000

CENTRAL DRY ZONE, HIRIYUR				
Chitradurga district				
Parameter	17.02.2012	18.02.2012	19.02.2012	20.02.2012
Rainfall (mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	33.8	34.0	33.5	34.2
Min.Temp(°C)	17.8	19.2	19.3	16.8
Sky condition(Octas)	0	1	0	0
Relative humidity(%) 0830 hours	76	78	60	64
Relative humidity(%) 1730 hours	25	35	25	15
Wind Speed (kmph)	06	06	00	06
Wind Direction	320	090	000	090
Davanagere district				
Rainfall(mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	34.0	34.0	34.0	34.2
Min.Temp(°C)	16.0	14.0	14.5	16.0
Sky condition(Octas)	0	0	0	0
Relative humidity(%) 0830 hours	78	61	44	45
Relative humidity(%) 1730 hours	22	26	23	20
Wind Speed (kmph)	02	02	04	04
Wind Direction	090	050	140	140
Kodagu district				
Rainfall(mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	27.0	27.2	28.5	29.5
Min.Temp(°C)	11.9	13.7	14.0	9.8
Sky condition(Octas)	0	0	0	0
Relative humidity(%) 0830 hours	66	82	52	45

Relative humidity(%) 1730 hours	47	60	45	43
Wind Speed (kmph)	00	04	02	04
Wind Direction	000	090	050	090
Tumkur district				
Rainfall(mm)				0.0
Max. temp(°C)				35.0
Min.Temp(°C)				17.3
Sky condition(Octas)				3
Relative humidity(%) 0830 hours				62
Relative humidity(%) 1730 hours				26
Wind Speed (kmph)				06
Wind Direction				090

EASTERN DRY ZONE, BENGALURU

Bengaluru Urban district				
Parameter	17.02.2012	18.02.2012	19.02.2012	20.02.2012
Rainfall(mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	32.3	32.5	31.7	32.4
Min.Temp(°C)	19.4	18.6	16.2	16.9
Sky condition(Octas)	0	0	0	2
Relative humidity(%) 0830 hours	70	80	65	63
Relative humidity(%) 1730 hours	30	29	19	15
Wind Speed (kmph)	04	04	04	00
Wind Direction	090	050	050	000
Kolar district				
Rainfall(mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	33.0	32.2	31.2	32.2
Min.Temp(°C)	17.6	17.6	12.2	12.4
Sky condition(Octas)	0	0	0	0
Relative humidity(%) 0830 hours	73	79	56	61
Relative humidity(%) 1730 hours	22	40	32	29
Wind Speed (kmph)	02	04	02	04
Wind Direction	230	160	140	140

SOUTHERN DRY ZONE, NAGANHALLI**Mysore district**

Parameter	17.02.2012	18.02.2012	19.02.2012	20.02.2012
Rainfall (mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	32.8	32.8	32.0	32.9
Min.Temp(°C)	17.7	18.4	14.8	12.9
Sky condition(Octas)	0	0	0	0
Relative humidity(%) 0830 hours	70	74	55	47
Relative humidity(%) 1730 hours	35	27	27	25
Wind Speed (kmph)	04	04	02	02
Wind Direction	140	090	070	090

Mandya district

Rainfall(mm)				
Max. temp(°C)				
Min.Temp(°C)				
Sky condition(Octas)				
Relative humidity(%) 0830 hours				
Relative humidity(%) 1730 hours				
Wind Speed (kmph)				
Wind Direction				

Chamarajnagara district

Rainfall(mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	34.0	33.0	33.0	34.0
Min.Temp(°C)	17.5	17.3	12.4	11.5
Sky condition(Octas)	0	0	0	0
Relative humidity(%) 0830 hours	56	71	48	45
Relative humidity(%) 1730 hours	39	38	55	29
Wind Speed (kmph)	06	04	02	00
Wind Direction	020	099	099	000

SOUTHERN TRANSITION ZONE, SHIMOGA**Hassan district**

Parameter	17.02.2012	18.02.2012	19.02.2012	20.02.2012
Rainfall(mm)	0.0	0.0	0.0	
Max. temp(°C)	32.4	31.4	32.4	
Min.Temp(°C)	14.2	16.8	11.8	
Sky condition(Octas)	0	0	1	
Relative humidity(%)	79	83	66	

0830 hours				
Relative humidity(%) 1730 hours	28	28	29	
Wind Speed (kmph)	02	06	02	
Wind Direction	140	140	090	

NORTH TRANSITION ZONE, DHARWAD				
Dharwad district				
Parameter	17.02.2012	18.02.2012	19.02.2012	20.02.2012
Rainfall (mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	32.6	33.4	33.4	33.7
Min.Temp(°C)	15.4	16.8	17.2	16.6
Sky condition(Octas)	0	1	0	0
Relative humidity(%) 0830 hours	44	43	45	41
Relative humidity(%) 1730 hours	23	25	41	21
Wind Speed (kmph)	02	06	00	02
Wind Direction	290	070	000	320
Belgaum district				
Rainfall(mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	33.2	33.3	33.6	33.6
Min.Temp(°C)	14.6	16.4	17.7	14.6
Sky condition(Octas)	3	2	4	2
Relative humidity(%) 0830 hours	31	37	88	36
Relative humidity(%) 1730 hours	27	25	33	20
Wind Speed (kmph)	06	06	06	04
Wind Direction	020	070	070	090
Haveri district				
Rainfall(mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	32.6	34.2	33.0	33.0
Min.Temp(°C)	16.0	17.4	17.0	15.4
Sky condition(Octas)	0	2	0	0
Relative humidity(%) 0830 hours	60	53	48	38
Relative humidity(%) 1730 hours	23	26	29	16
Wind Speed (kmph)	04	04	08	04
Wind Direction	230	140	140	050

HILL ZONE, SIRSI				
Uttara Kannada district (Karwar)				
Parameter	17.02.2012	18.02.2012	19.02.2012	20.02.2012
Rainfall (mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	32.6	33.0	34.0	35.6
Min.Temp(°C)	17.9	19.6/ 18.9 (LM)	20.9/ 20.3(LM)	19.1
Sky condition(Octas)	0	2	4	0
Relative humidity(%) 0830 hours	79	83	81	82
Relative humidity(%) 1730 hours	57	53	60	63
Wind Speed (kmph)	00	00	00	00
Wind Direction	000	000	000	000
Chikmagalur district				
Rainfall(mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	31.5	31.0	30.0	33.7
Min.Temp(°C)	15.0	16.5	15.5	16.6
Sky condition(Octas)	0	0	0	0
Relative humidity(%) 0830 hours	47	48	47	41
Relative humidity(%) 1730 hours	56	55	58	55
Wind Speed (kmph)	06	12	08	10
Wind Direction	020	320	320	320

COASTAL ZONE, BRAMHAVAR				
Dakshina Kannada district (PANAMBUR)				
Parameter	17.02.2012	18.02.2012	19.02.2012	20.02.2012
Rainfall (mm)	0.0	0.0	0.0	0.0
Max. temp(°C)	32.4	32.2	33.9	33.5
Min.Temp(°C)	21.0	23.5	20.9	22.0
Sky condition(Octas)	0	0	0	0
Relative humidity(%) 0830 hours	80	88	85	90
Relative humidity(%) 1730 hours	50	60	60	65
Wind Speed (kmph)	00	00	00	00
Wind Direction	000	000	000	000

INDIA METEOROLOGICAL DEPARTMENT
Meteorological Centre, Bengaluru
DISTRICT LEVEL ENSEMBLE WEATHER FORECAST
ISSUED ON: 21.02.2012
VALID FOR THE NEXT 5 DAYS

NORTH EAST TRANSITION ZONE, BIDAR

Districts	Parameters	5 days weather forecasts				
		22.02.12	23.02.12	24.02.12	25.02.12	26.02.12
1.Bidar	Rainfall (mm)	0	0	0	0	0
	MaxTemp.)	34	35	35	35	35
	MinTemp.C)	20	20	20	19	21
	Total Cloud cover (octas)	1	1	1	1	1
	Max RH (%)	42	41	42	38	39
	Min RH (%)	23	21	21	22	20
	Wind speed (kmph)	2	3	4	4	3
	Wind direction (deg)	120	100	110	90	100

NORTHEASTERN DRY ZONE, RAICHUR

Districts	Parameters	5 days weather forecasts				
		22.02.12	23.02.12	24.02.12	25.02.12	26.02.12
2.Raichur	Rainfall (mm)	0	0	0	0	0
	MaxTemp. °C)	35	35	35	35	36
	MinTemp. (°C)	19	20	20	21	21
	Total Cloud cover (octas)	1	1	1	1	1
	Max RH (%)	43	46	36	27	26
	Min RH (%)	17	17	16	15	16
	Wind speed (kmph)	2	3	2	3	2
	Wind direction(deg)	140	120	120	90	90
3.Gulburga	Rainfall (mm)	0	0	0	0	0
	MaxTemp. °C)	36	36	37	36	37
	MinTemp. (°C)	19	19	20	20	21

Total Cloud cover (octas)	1	1	1	1	1
Max RH	43	43	36	38	37
Min RH	22	20	19	17	16
Wind speed (kmph)	2	3	3	3	2
Wind direction(deg)	120	120	110	120	100

NORTHERN DRY ZONE, BIJAPUR

Districts	Parameters	5 days weather forecasts				
		22.02.12	23.02.12	24.02.12	25.02.12	26.02.12
4.Bijapur	Rainfall (mm)	0	0	0	0	0
	MaxTemp. °C)	35	35	35	35	36
	MinTemp.(°C)	19	20	20	20	21
	Total Cloud cover (octas)	1	1	1	1	1
	Max RH (%)	44	43	42	41	40
	Min RH (%)	24	23	23	20	21
	Wind speed (kmph)	2	3	3	3	3
	Wind direction(deg)	120	120	110	110	100
5. Bagalkote	Rainfall (mm)	0	0	0	0	0
	MaxTemp. °C)	35	35	35	35	36
	MinTemp (°C)	19	19	19	20	20
	Total Cloud cover (octas)	1	1	1	1	1
	Max RH (%)	43	43	41	39	38
	Min RH	15	18	18	17	16
	Wind speed (kmph)	2	3	2	3	2
	Wind direction(deg)	120	140	150	90	100
6.Gadag	Rainfall (mm)	0	0	0	0	0
	MaxTemp. °C)	35	35	35	35	36
	MinTemp.(°C)	19	19	19	20	20
	Total Cloud cover (octas)	1	1	1	2	1
	Max RH (%)	47	48	43	43	42
	Min RH (%)	15	17	18	17	18
	Wind speed (kmph)	4	4	4	3	3

	Wind direction(deg)	130	130	130	140	130
7.Koppal	Rainfall (mm)	0	0	0	0	0
	MaxTemp(°C)	35	35	35	35	36
	MinTemp(°C)	18	19	19	20	20
	Total Cloud cover (octas)	1	1	1	2	1
	Max RH (%)	45	44	43	42	42
	Min RH (%)	16	18	20	19	18
	Wind speed (kmph)	2	3	3	3	3
	Wind direction(deg)	120	110	120	120	110
8.Bellary	Rainfall (mm)	0	0	0	0	0
	MaxTemp. °C)	37	38	38	38	39
	MinTemp.(°C)	19	20	19	20	20
	Total Cloud cover (octas)	1	1	1	2	1
	Max RH (%)	37	43	31	26	26
	Min RH	17	15	16	18	17
	Wind speed (kmph)	3	4	4	2	3
	Wind direction(deg)	110	110	120	110	100

CENTRAL DRY ZONE, HIRIYUR

Districts	Parameters	5 days weather forecasts				
		22.02.12	23.02.12	24.02.12	25.02.12	26.02.12
9.Chitradurga	Rainfall (mm)	0	0	0	0	0
	MaxTemp. °C)	35	35	36	36	37
	MinTemp. (°C)	19	20	19	19	19
	Total Cloud cover (octas)	2	2	1	2	1
	Max RH (%)	57	54	54	53	51
	Min RH (%)	27	25	23	21	20
	Wind speed (kmph)	2	3	2	3	2
	Wind direction(deg)	140	120	120	120	110
10.Davangere	Rainfall (mm)	0	0	0	0	0
	MaxTemp. °C)	35	35	34	35	35
	MinTemp. (°C)	16	17	16	16	17

	Total Cloud cover (octas)	1	2	1	2	1
	Max RH (%)	45	47	38	38	36
	Min RH	18	19	20	18	19
	Wind speed (kmph)	2	2	2	2	3
	Wind direction(deg)	140	120	120	120	120
11.Kodagu	Rainfall (mm)	0	0	0	0	0
	MaxTemp. (°C)	29	28	28	28	29
	MinTemp. (°C)	19	20	14	13	14
	Total Cloud cover (octas)	13	14	3	2	1
	Max RH (%)	64	65	63	62	62
	Min RH (%)	27	28	24	19	19
	Wind speed (kmph)	3	3	3	2	2
	Wind direction(deg)	90	70	80	70	70
12.Tumkur	Rainfall (mm)	0	0	0	0	0
	MaxTemp. (°C)	34	34	34	33	35
	MinTemp. (°C)	16	17	17	18	18
	Total Cloud cover (octas)	2	2	2	2	1
	Max RH (%)	50	52	46	44	47
	Min RH	25	24	23	22	21
	Wind speed (kmph)	3	3	4	3	2
	Wind direction(deg)	120	100	100	110	100

EASTERN DRY ZONE, BENGALURU

Districts	Parameters	5 days weather forecasts				
		22.02.12	23.02.12	24.02.12	25.02.12	26.02.12
13.Bengaluru Urban	Rainfall (mm)	0	0	0	0	0
	MaxTemp. (°C)	33	33	33	33	34
	MinTemp. (°C)	18	17	18	18	19
	Total Cloud cover (octas)	2	2	2	3	1

	Max RH (%)	56	56	54	53	52
	Min RH (%)	28	26	27	22	23
	Wind speed (kmph)	3	2	3	2	3
	Wind direction (deg)	100	90	90	100	90
14.Bengaluru Rural	Rainfall (mm)	0	0	0	0	0
	MaxTemp. (°C)	33	34	33	33	34
	MinTemp. (°C)	17	18	17	18	19
	Total Cloud cover (octas)	3	2	2	2	1
	Max RH (%)	56	54	53	52	51
	Min RH	28	27	26	22	23
	Wind speed (kmph)	2	3	3	3	2
	Wind direction (deg)	110	90	90	100	90
15.Kolar	Rainfall (mm)	0	0	0	0	0
	MaxTemp. (°C)	33	33	33	32	34
	MinTemp. (°C)	16	17	17	17	17
	Total Cloud cover (octas)	2	2	2	3	1
	Max RH (%)	54	53	54	52	51
	Min RH (%)	28	25	26	23	24
	Wind speed (kmph)	3	3	2	2	2
	Wind direction (deg)	120	110	110	120	100

SOUTHERN DRY ZONE, NAGANHALLI

Districts	Parameters	5 days weather forecasts				
		22.02.12	23.02.12	24.02.12	25.02.12	26.02.12
16.Mysore	Rainfall (mm)	0	0	0	0	0
	MaxTemp. (°C)	33	33	34	33	34
	MinTemp. (°C)	16	16	17	17	17
	Total Cloud cover (octas)	3	2	3	2	1
	Max RH (%)	66	55	57	50	48
	Min RH (%)	25	24	23	22	21
	Wind speed (kmph)	3	3	3	4	4

	Wind direction(deg)	110	90	80	90	90
17.Mandya	Rainfall (mm)	0	0	0	0	0
	MaxTemp. (°C)	35	36	36	36	36
	MinTemp. (°C)	19	19	19	20	20
	Total Cloud cover (octas)	2	2	2	3	2
	Max RH (%)	58	59	58	57	57
	Min RH	23	25	24	21	22
	Wind speed (kmph)	3	4	4	3	4
	Wind direction(deg)	70	70	50	50	50
18.Chamaraj Nagar	Rainfall (mm)	0	0	0	0	0
	MaxTemp. (°C)	33	34	33	34	34
	MinTemp. (°C)	17	16	16	17	17
	Total Cloud cover (octas)	3	3	3	2	1
	Max RH (%)	55	53	54	52	51
	Min RH (%)	20	22	21	21	20
	Wind speed (kmph)	3	3	2	3	3
	Wind direction(deg)	120	110	90	110	90

SOUTHERN TRANSITION ZONE, SHIMOGA

Districts	Parameters	5 days weather forecasts				
		22.02.12	23.02.12	24.02.12	25.02.12	26.02.12
19.Shimoga	Rainfall (mm)	0	0	0	0	0
	MaxTemp. (°C)	33	34	34	34	35
	MinTemp. (°C)	18	18	18	18	17
	Total Cloud cover (octas)	1	2	1	2	1
	Max RH (%)	70	70	69	69	68
	Min RH (%)	27	27	25	24	22
	Wind speed (kmph)	3	3	3	2	2
	Wind direction(deg)	120	100	100	110	100
20.Hassan	Rainfall (mm)	0	0	0	0	0
	MaxTemp. (°C)	33	33	33	33	34

	MinTemp. (°C)	15	15	16	16	16
	Total Cloud cover (octas)	2	2	2	3	1
	Max RH (%)	55	63	58	55	53
	Min RH	27	25	24	23	22
	Wind speed (kmph)	3	2	2	3	3
	Wind direction(deg)	110	100	90	100	90

NORTH TRANSITION ZONE, DHARWAD

Districts	Parameters	5 days weather forecasts				
		22.02.12	23.02.12	24.02.12	25.02.12	26.02.12
21.Dharwad	Rainfall (mm)	0	0	0	0	0
	MaxTemp. (°C)	34	34	35	35	36
	MinTemp. (°C)	17	18	18	19	19
	Total Cloud cover (octas)	2	1	2	2	2
	Max RH (%)	46	47	45	44	42
	Min RH (%)	23	24	23	22	20
	Wind speed (kmph)	2	2	2	3	3
	Wind direction(deg)	100	110	90	110	100
22.Belgaum	Rainfall (mm)	0	0	0	0	0
	MaxTemp. (°C)	34	35	35	35	36
	MinTemp. (°C)	15	15	15	15	16
	Total Cloud cover (octas)	1	1	1	1	1
	Max RH (%)	43	44	37	32	31
	Min RH	25	24	23	22	21
	Wind speed (kmph)	2	2	2	3	3
	Wind direction(deg)	110	120	120	120	120
23.Haveri	Rainfall (mm)	0	0	0	0	0
	MaxTemp. (°C)	34	34	35	35	36
	MinTemp. (°C)	17	18	18	19	19
	Total Cloud cover (octas)	1	1	1	2	1
	Max RH (%)	45	42	34	30	30
	Min RH (%)	25	23	20	20	19

	Wind speed (kmph)	2	3	2	2	3
	Wind direction(deg)	120	110	110	120	110

HILL ZONE, SIRSI

Districts	Parameters	5 days weather forecasts				
		22.02.12	23.02.12	24.02.12	25.02.12	26.02.12
24.Uttara Kannada	Rainfall (mm)	0	0	0	0	0
	MaxTemp. (°C)	36	36	36	36	37
	MinTemp. (°C)	19	20	21	21	21
	Total Cloud cover (octas)	1	1	1	2	1
	Max RH (%)	74	75	73	72	70
	Min RH (%)	55	54	53	52	50
	Wind speed (kmph)	2	2	3	3	2
	Wind direction (deg)	120	100	100	110	100
25.Chik- magalur	Rainfall (mm)	0	0	0	0	0
	MaxTemp. (°C)	33	34	34	34	34
	MinTemp. (°C)	17	18	17	17	17
	Total Cloud cover (octas)	2	2	2	2	1
	Max RH (%)	58	56	56	58	57
	Min RH	25	24	24	23	22
	Wind speed (kmph)	2	3	2	3	2
	Wind direction (deg)	110	100	100	100	100

COASTAL ZONE, BRAMHAVAR

Districts	Parameters	5 days weather forecasts				
		22.02.12	23.02.12	24.02.12	25.02.12	26.02.12
26.Udupi	Rainfall (mm)	0	0	0	0	0
	MaxTemp. °C)	34	35	36	36	37
	MinTemp. (°C)	20	21	20	20	20
	Total Cloud cover (octas)	2	2	2	2	1
	Max RH (%)	75	74	73	70	72

	Min RH (%)	52	51	50	49	48
	Wind speed (kmph)	2	3	3	3	2
	Wind direction(deg)	100	90	90	80	80
27.Dakshina Kannada	Rainfall (mm)	0	0	0	0	0
	MaxTemp. (°C)	34	35	35	35	39
	MinTemp. (°C)	23	22	22	23	23
	Total Cloud cover (octas)	2	2	2	3	1
	Max RH (%)	74	3	72	71	70
	Min RH	54	53	54	53	52
	Wind speed (kmph)	2	3	3	3	2
	Wind direction(deg)	90	80	70	70	80

**PART II
AGROCLIMATIC ZONEWISE AGRICULTURAL AGROMETEOROLOGICAL
ADVISORIES**

NORTH EAST TRANSITION ZONE, BIDAR

BIDAR

Main crops	Stage	Agricultural Advisories
Brinjal	Fruiting	High incidence of shoot and fruit borer is observed. Spray Malathion 2 ml or rynaxpir 0.3 ml per litre of water.
Mango	Fruiting (Marble stage)	Provide irrigation, as the fruits are in marble stage, this will help for the better development of fruits.
Tomato	Fruiting	For control of fruit borer take up spraying of Quinolphos or Malathion 2 ml per litre of water.
Summer Groundnut	Vegetative	Provide irrigation because of continuation of dry weather followed by no rains.
Sorghum	Fodder storage	After proper drying care should be taken for storage of dry sorghum fodder in the field itself by covering with soil blocks.
Wheat & Bengalgram	Maturity	Harvesting can be done.

NORTHEASTERN DRY ZONE, RAICHUR

GULBARGA

Deep ploughing is advised in deep Black soils after Cotton stubble removal/Redgram harvest.

Groundnut harvesting can be continued in UKP Command areas and Tube well irrigated areas.

Rabi jower.

In most of the parts the crop is at harvesting stage. Since there is no rainfall forecast the harvesting can be done.

Bengal gram harvesting is to be done.

RAICHUR

Kharif crops:

Deep ploughing can be done(is advised) in deep black soils after harvest of kharif crops like [Redgram ,Cotton and Chilli lands.](#)

Rabi crops:

Crop	Stage	Condition	Weather role	Management
Sorghum	Harvesting stage.	Good	Congenial	Harvesting can be done
Bengal gram	Drying to harvesting	Normal	Congenial	Harvesting can be done. Deep ploughing is advisable after harvest.
Safflower	Capsule drying	Normal	Congenial	

KOPPAL

Fodder maize/ jower is to be irrigated as per irrigation availability and necessity.

BELLARY

Fodder maize/jower is to be irrigated (need based).

NORTHERN DRY ZONE, BIJAPUR

BIJAPUR/GADAG/BAGALKOTE

Bulletin yet to be received

CENTRAL DRY ZONE, HIRIYUR

CHITRADURGA

Onion	To manage sucking pests, take up spraying of 1.75 ml Dimethoate dissolved in one liter of water
chickpea	For control of <i>Helicoverpa</i> insect spray insecticides like Profenophos 2ml/liter or Indoxacarb @ 0.3 ml/l or Spinosad@ 0.2ml per liter of water
Pomegranate	<ul style="list-style-type: none">To manage Bacterial blight disease, spray the crop with Streptomycin Sulphate 0.5 g. + Copper oxy-chloride 2 g. dissolved in one liter water. Then take up spraying of micro nutrients viz., 1 g. Zinc Sulphate + 1 g. Magnesium Sulphate + 1 g. Barax + 1

	<p>g. Calcium dissolved in one liter of water.</p> <ul style="list-style-type: none"> To manage leaf and fruit spot disease, spray the crop with 2 ml Chlorothonil dissolved in one liter of water. To manage sucking pests, spray the crop with 0.3 ml Imidachloprid dissolved in one liter of water.
Mango	To control sucking pests, Thrips, and Powdery mildew. Spray the crop with 4 g Carbaryl + 1 g Bavistin dissolved in one liter of water.
Plant Protection	Plant protection measures may be taken up since there is no possibility of rainfall in the district during the coming five days.

DAVANAGERE

Onion	To manage sucking pests, take up spraying of 1.75 ml Dimethoate dissolved in one liter of water
sunflower	To manage Virus disease, (1) Uproot the infected plants and destroy and (2) afterwards take up spraying of 0.3 g Imidachloprid dissolved in one liter of water.
	In early sown crop, Powdery mildew has been noticed. To manage this, take up spraying of 1 g. Carbandizeme dissolved in one liter of water
chickpea	For control of <i>Helicoverpa</i> insect spray insecticides like Profenophos 2ml/liter or Indoxacarb @ 0.3 ml/l or Spinosad@ 0.2ml per liter of water
Pomegranate	<ul style="list-style-type: none"> To manage Bacterial blight disease, spray the crop with Streptomycin Sulphate 0.5 g. + Copper oxy-chloride 2 g. dissolved in one liter water. Then take up spraying of micro nutrients viz., 1 g. Zinc Sulphate + 1 g. Magnesium Sulphate + 1 g. Barax + 1 g. Calcium dissolved in one liter of water. To manage leaf and fruit spot disease, spray the crop with 2 ml Chlorothonil dissolved in one liter of water. To manage sucking pests, spray the crop with 0.3 ml Imidachloprid dissolved in one liter of water.
Mango	To control sucking pests, Thrips, and Powdery mildew. Spray the crop with 4 g Carbaryl + 1 g Bavistin dissolved in one liter of water.
Plant Protection	Plant protection measures may be taken up since there is no possibility of rainfall in the district during the coming five days.

TUMKUR

chickpea	For control of <i>Helicoverpa</i> insect spray insecticides like Profenophos 2ml/liter or Indoxacarb @ 0.3 ml/l or Spinosad@ 0.2ml per liter of water
Pomegranate	<ul style="list-style-type: none"> To manage Bacterial blight disease, spray the crop with Streptomycin Sulphate 0.5 g. + Copper oxy-chloride 2 g. dissolved in one liter water. Then take up spraying of micro nutrients viz., 1 g. Zinc Sulphate + 1 g. Magnesium Sulphate + 1 g. Barax + 1 g. Calcium dissolved in one liter of water.

	<ul style="list-style-type: none"> To manage leaf and fruit spot disease, spray the crop with 2 ml Chlorothonil dissolved in one liter of water. To manage sucking pests, spray the crop with 0.3 ml Imidachloprid dissolved in one liter of water.
Mango	To control sucking pests, Thrips, and Powdery mildew. Spray the crop with 4 g Carbaryl + 1 g Bavistin dissolved in one liter of water.
Plant Protection	Plant protection measures may be taken up since there is no possibility of rainfall in the district during the coming five days.

EASTERN DRY ZONE, BENGALURU

BENGALURU URBAN

Crop	Stage/ Condition	Pest and Disease	Agro advisories
Potato	50-75 days	Aphid and Thrips	Spray Regent 1 MI/ltr
Tomato	50-90 days	Thrips	Spray Regent 1 MI/ltr
Mango	Flowering	Powdery Mildew Hoppers	<ul style="list-style-type: none"> Spray Carbendazim @1 gm / lit of water or Hexaconazole @1g / lit of water. Spray Melathion @ 2ml / lit of water or Monocrotophos @ 1.25ml / lit of water.

BENGALURU RURAL

Crop	Stage/ Condition	Pest and Disease	Agro advisories
Finger millet	Harvesting stage		<ul style="list-style-type: none"> Farmers are advised to continue the threshing-up the crop. Store with optimum moisture to reduce fungal infection and advised to take suitable measures to control storage pests. (For all cereals and pulses)
Paddy	Harvesting stage		<ul style="list-style-type: none"> In the area where the paddy harvesting is completed, farmers are advised to take up the sowing of pulses like Black gram, Green gram and also the green manure crop sun hemp to utilize residue moisture after harvest of the paddy in Paddy field. Where it's not possible to cultivate any crop, farmers are advised to go for deep ploughing; it helps to reduce the pest and

			diseases.
Potato	45-50 days	Late Blight	<ul style="list-style-type: none"> • Spray Metalaxy + mancozeb 2 gram/ltr or after 7-10 days synksinil + mancozeb 2 gram/ltr
Tomato	50-60 days	Leaf spot	<ul style="list-style-type: none"> • Spray mancozeb or propineb 2 gram/ltr
Bengal gram		Borer	<ul style="list-style-type: none"> • Endosulfan 35 E.C 2 ml/ltr or carbaryl 4 gram/ltr
		Fusarium wilt (Leaves turned to yellow, drying and ultimately shedding of leaves.)	<ul style="list-style-type: none"> • Diseases plant should Uproot and burn the plant
Mango	Flowering	Powdery Mildew	<ul style="list-style-type: none"> • Spray Carbendezim @1 gm / lit of water or Hexaconazole @1g / lit of water.
		Hoppers	<ul style="list-style-type: none"> • Spray Melathion @ 2ml / lit of water or Monocrotophos @ 1.25ml / lit of water.

KOLAR

Crop	Stage/ Condition	Pest and Disease	Agro advisories
Potato	50-75 days	Aphid and Thrips	Spray Regent 1 MI/ltr
Tomato	50-90 days	Thrips	Spray Regent 1 MI/ltr
Mango	Flowering	Powdery Mildew	<ul style="list-style-type: none"> • Spray Carbendezim @1 gm / lit of water or Hexaconazole @1g / lit of water.
		Hoppers	<ul style="list-style-type: none"> • Spray Melathion @ 2ml / lit of water or Monocrotophos @ 1.25ml / lit of water.

SOUTHERN DRY ZONE, NAGANHALLI

MYSORE/MANDYA/CHAMARAJNAGARA

Bulletin yet to be received

SOUTHERN TRANSITION ZONE, SHIMOGA

SHIMOGA/ HASSAN/ CHIKMAGALUR

Coconut	Due to low temperature & dew in morning , ideal condition for attacking termites in coconut tree, taken up spraying of Chlorophyriphos@ 2.0 ml/lit
Areca nut	To control the areca nut dieback infestation, farmers are advised to take-up spraying of sulphur@3g/lit of water. Due to low temperature high aeration observed in cracks in field observed. Provide a irrigation when irrigation facilities is available
Banana	Remove unwanted sucker in banana field saving fertilizer, 1 gm Carbendezim /lit Drench 3-4 lit per plant to control panama wilt. Before planting dip seedlings in dung slurry and apply 40 g carbofuran or 5g phorate to control of banana weevil.
Black pepper	To control wilt disease spray Metalaxyl MZ @1g/lit of water
Mango	To control hoppers farmers are advised to take spray of Carbaryl 50 W.P.@ 4g/litre of water and to control powdery mildew spray Carbendezim @1 gm / lit of water or hexaconazole @1g / lit of water.
Papaya	Farmers are advised to take up spraying of Dimethoate 2 ml/litre of water to control mealybug infestation in Papaya plantations
Paddy	Spraying of monocrotophos @ 1.5 ml/litre of water and Bavastine @ 1g/litre of water to control pest and diseases in nursery field.
Dairy	The dairy cows should be maintained clean and neat to protect the udder to preventing mastitis.

NORTH TRANSITION ZONE, DHARWAD

BELGAUM

Crop	Stage/ Condition	Pest and Disease	Agro advisories
General (Chickpea, Maize, Sorghum, Chilli,	Harvested	---	Harvesting and threshing of may be attended as early as possible. Produce (grains) should be sun dried and stored. In rainfed areas, Plough the land , keep it exposed

and Wheat)			to sun for destroying weeds and pest eggs.
Sugarcane	4months old	Leaf Spot and Rust	To control it spray Mancozeb @ 2 g/L.
Tomato/Brinjal	Harvesting	Fruit Borer	To control pod borer spray Chlorphyriphos (20 EC) @ 2.5 ml/ L or Asiphate (75 SP) @ 1 g/L or Garlic & Chilli extract @ 20 ml/L.
Cabbage	Curding	Leaf webber and Bacterial Blight	To reduce leaf Webber; spray NSKE (5 %) at 10-15 days interval for 3 to 4 times. Besides, the black rot has been found on cabbage & hence spray tetra cycline hydroxide @ 10 mg or Agrimycin -100 @ 10 mg per litre.
Animals			Protect animals form hot temperature. Deworming and vaccination for Foot and mouth disease.

DHARWAD

Crop	Stage/ Condition	Pest and Disease	Agro advisories
General (Chickpea, Maize, Sorghum, Chilli, and Wheat)	Harvested	---	Harvesting and threshing of may be attended as early as possible. Produce (grains) should be sun dried and stored. In rainfed areas, Plough the land , keep it exposed to sun for destroying weeds and pest eggs.
Cotton (Jayadhar)	Picking	----	Cotton picking may be attended during morning and evening cool hours
Sunflower	Heading	Powdery Mildew And Necrosis	<ul style="list-style-type: none"> • Necrosis problem is noticed in and around Dharwad district. To protect the crop spray 0.25 ml Imidachloprid 17.8 S.L or 1.5 ml Oxidematon methyl 25 EC per liter of water. • In late sown crop, to manage powdery mildew, take up spraying of 1 g. Carbandizeme dissolved in one liter of water.
Safflower	Grain filling	Aphids	<ul style="list-style-type: none"> • To control it, dust melathion at morning time / spray NSKE (5%) and dimethioate (30 EC) @ 1.7 ml/ L.
Animals			<ul style="list-style-type: none"> • De-worming and vaccination for Foot and mouth disease. • Vaccinate before onset of monsoon the animals (cow, buffalow, bullock) against for Foot and mouth disease (FMD vaccination), BC vaccination against Black Quarter and also vaccinate cow, buffalow and bullock against Haemorrhagic Septcaemia. • For milch animals regularly follow schedule of 1 kg feed + 50 g mineral mixture per 2 litres of milk yield. Feed animals with a mixture of green grass + hay + minerals + dry feed .

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HAVERI

Crop	Stage/ Condition	Pest and Disease	Agro advisories
General (Chickpea, Maize, Sorghum, Chilli, and Wheat)	Harvested	---	<ul style="list-style-type: none"> Harvesting and threshing of may be attended as early as possible. Produce (grains) should be sun dried and stored. In rainfed areas, Plough the land , keep it exposed to sun for destroying weeds and pest eggs.
Sunflower	Heading	Powdery Mildew And Necrosis	<ul style="list-style-type: none"> Necrosis problem is noticed in and around Haveri district. To protect the crop spray 0.25 ml Imidachloprid 17.8 S.L or 1.5 ml Oxidematon methyl 25 EC per liter of water. In late sown crop, to manage powdery mildew, take up spraying of 1 g. Carbandizeme dissolved in one liter of water.
Safflower	60-80 days	Aphids	<ul style="list-style-type: none"> To control it, dust melathion at morning time / spray NSKE (5%) and dimethioate (30 EC) @ 1.7 ml/ L.
Cotton	Picking		<ul style="list-style-type: none"> Cotton picking may be attended during morning and evening cool hours
Animals			Protect animals form hot temperature. Deworming and vaccination for Foot and mouth disease.

HILL ZONE, SIRSI

UTTARA KANNADA

Crop	Stage/ Condition	Pest and Disease	Agro advisories
Black Pepper	Harvesting		<ul style="list-style-type: none"> Harvest the completely ripened bunch (In a bunch one or two seed turned to red colour) and separate the seed from the bunch. Dip those seeds in boiling water for a minute and remove and dry it. To prepare the white pepper this is the right time. Harvest the completely ripened bunch and keep it in flowing water for 9 days. After that wash it thourolly and dry it.
Mango	Flowering	Powdery Mildew Hoppers	<ul style="list-style-type: none"> Spray Carbendezim @1 gm / lit of water or Hexaconozole @1g / lit of water. Spray Melathion @ 2ml / lit of water or Monocrotophos @ 1.25ml / lit of water.
Coconut		Mites	<ul style="list-style-type: none"> spray water soluble sulphur @ 5gm/liter of water or spray a mixture of neem oil (20 ml) + garlic solution (20 gm) + soap powder solution (5 gm) per liter of water to the coconut flower

			and fruit bunch
Arecanut, Coconut and Black pepper			<ul style="list-style-type: none">• Irrigate the areca nut, coconut and black pepper gardens either furrow or drip irrigation. For each coconut tree requires 60-70 lit of water per day.

COASTAL ZONE, BRAMHAVAR

UDUPI/DAKSHINA KANNADA

Bulletin yet to be received